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Telephone: Farnham Common (02814) 2281
Telex: 847964 (COMAGG G) Cables: Comag Slough
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C•A•B INTERNATIONAL BUREAU
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East Malling Research Station, Maidstone,
Kent ME19 6BJ, UK
Telephone: West Malling (0732) 843833

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CAB INTERNATIONAL (CABI), formerly the Commonwealth Agricultural Bureaux, is a cooperative not-for-profit organization owned, administered and financed by member governments. It was established in 1928, currently has 29 members, and has the status and privileges of an international organization in the UK. A new treaty-level constitution, giving CABI the status of an Inter-Governmental Organization, is in the process of ratification.

CABI's organizational structure comprises the Review Conference of member governments, which meets every five years; the Executive Council, with one representative from each member government, which meets four times per year; and the Directorate, including CABI Headquarters and its 14 Institutes and Bureaux. The Director General is the chief executive, controlling the 375 staff, two thirds of whom are at managerial or professional level, through three Directors, for Information, Scientific and Administrative Services.

The organization exists to provide information, scientific and development services for agriculture and allied disciplines throughout the world.

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The chief function of the Information Services is to provide ready access to published information on research in agriculture and allied disciplines, including rural development.

Over 100 scientists/linguists at CABI's Bureaux and Institutes scan the world literature, select the significant items, and prepare an informative abstract of each which is entered into the CAB ABSTRACTS database. With some 2 million records in the database since 1973, and 3 million more in printed journals back to 1930, the total archive provides a unique encyclopaedic resource of unsurpassed reliability and quality.

The CAB ABSTRACTS database is publicly accessible online from major international online vendors and from CABI. It is used to provide current awareness and retrospective information services in hard copy and machine-readable form. Chief among these are 46 printed abstract journals, which are taken by 10,000 subscribing organizations worldwide. New journals are started in response to changing users' needs or if sponsors guarantee the circulation. Users needing more specific information may select outputs that match their particular requirements, helped if necessary by CABI's subject experts; outputs are supplied as magnetic tape, computer printout, microfiche or floppy disk. The database is also available on optical disk (CD-ROM), a new technology ideally suited to developing countries. To complete the service, photocopies of original articles are provided on request through the CABI Library Services.

Text processing, database production and data retrieval are provided by CABI's in-house computer centre, which also offers these services to other organizations. The centre is already recognized as the focal point for online access to a portfolio of small bibliographic databases and databanks relevant to agriculture, medicine and development.

Other functions of the Information Services include compilation of specialized databanks and directories, publication of primary journals, authoritative reviews and books, and training in information transfer for librarians, documentalists and information specialists.

SCIENTIFIC SERVICES

The Scientific Services of CABI are provided by four Institutes. Three deal with the science of taxonomy and provide identification and related services; the fourth deals with biological control.

CAB International Institute of Entomology (CIE)

CIE provides an identification service for insects, mites and other arthropods, especially species that are of actual or potential important as pests, parasitoids, predators and pollinators or are otherwise relevant to agriculture, forestry or related subjects. Contract research is also undertaken in these fields. The Institute's taxonomists work in the British Museum (Natural History) where they have access to the Museum's 23 million reference specimens of insects and mites, an incomparable aid to authoritative identifications and research on arthropod classification.

CAB International Mycological Institute (CMI)

CMI is the largest centre for systematic mycology in the world and provides a service for the identification of filamentous fungi and plant-pathogenic bacteria. It has about 300,000 dried reference specimens, a culture collection of more than 12,500 isolates, an extensive library, a Biodeterioration and Industrial Services Laboratory, a Biochemical Laboratory, and a Plant Pathology Liaison Unit. The Institute provides a wide range of consultancy and contract services for plant pathologists and industry. It incorporates the UK National Collection of Fungus Cultures and the Biodeterioration Centre.

CAB International Institute of Parasitology (CIP)

CIP provides an identification service for plant-parasitic and entomophilic nematodes, and helminth parasites of animals and man. The reference collections contain over 65,000 specimens, and an extensive specialist library is maintained. The Tropical Plant Nematology Advisory and Research Unit provides practical advice on plant-parasitic nematodes and their control worldwide, and the Institute also houses the WHO Filarial Reference Collection.

CAB International Institute of Biological Control (CIBC)

CIBC provides information and advice on biological control, undertakes research and implementation of programmes on biological control of major pests and weeds, and participates in integrated pest management programmes in association with other agencies. It has its headquarters in the UK but operates also from stations at Delémont, Switzerland; Bangalore, India; Rawalpindi, Pakistan; Nairobi, Kenya; and Curepe, Trinidad, West Indies.

All four Institutes carry out research, and offer a wide range of training activities from postgraduate studentships to special training courses both in the UK and abroad.

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The Development Services provide a focus for CABI consulting activities.

The Development Services Group was established in 1986 to provide a sharper focus for CABI's consulting activities. It draws heavily on the unique scientific expertise and information resources available in the CABI Institutes and Bureaux, and its activities are backed by nearly sixty years of CABI involvement in science and world agriculture.

The Development Services offer practical advice and assistance on many pest-related or environmental problems in agriculture. Specific services include:

- project appraisal
- advice in a range of scientific disciplines
- research supervision
- research evaluation
- project implementation.

These services are offered in situations ranging from short-term individual consultancies to project components and major development projects. The current focus is on:

- integrated pest management programmes
- national crop protection services
- pest/disease identification and control
- crop-orientated pest and disease surveys.

One component of these activities that can be extended to any branch of agriculture or development is the provision of a comprehensive information service, involving expert review and analysis of all relevant literature.

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CAB International
Farnham Royal, Slough SL2 2BN, UK
Telephone: Farnham Common (02814) 2281
Telex: 847964 (COMAGG G) Cables: Comag Slough
Telecom Gold/International Dialcom: 84:CAU001

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Institutes

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Director: K.M. Harris DSc, DIP AgrSci, DTA

CAB International Mycological Institute, Ferry Lane, Kew, Richmond TW9 3AF
Director: D.L. Hawksworth PhD, DSc, FLS, CBiol, FIBiol

CAB International Institute of Parasitology, 395A Hatfield Road, St. Albans, AL4 0XU, Herts.
Director: R.L.J. Muller BSc, PhD, FIBiol

CAB International Institute of Biological Control, Imperial College, Silwood Park, Ascot, Berks SL5 7PY
Director: D.J. Greathead BSc, ARCS, PhD, DSc, FIBiol

West Indian Station, Gordon St., Curepe, Trinidad, West Indies
M. Yaseen MSc, PhD (Entomologist-in-Charge)

European Station, 1 Chemin des Grillons, CH-2800, Delémont, Switzerland
K.P. Carl DNatSc ((Entomologist-in-Charge)

Indian Station, Post Bag 2484, Hebbal Agricultural Farm, P.O. Bangalore 560024, India
M.J. Chacko MSc, PhD (Entomologist-in-Charge)

Kenya Station, c/o Kenya Agricultural Research Institute, P.O. Box 30148, Nairobi, Kenya
I.A.D. Robertson BSc (Entomologist-in-Charge)

Pakistan Station, PARC-CIBC Station, P.O. Box 8, Rawlpindi, Pakistan
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Bureaux

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Animal Health, Central Veterinary Laboratory, New Haw, Weybridge, KT15 3NB, Surrey
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Director: D.J. O'D. Bourke MA, DipAgr, FLS

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Officer-in-Charge: †P. Wightman BSc

Plant Breeding & Genetics, Department of Applied Biology, Pembroke Street, Cambridge CB2 3DX
Director: Miss O. Holbek BSc

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Horticultural Abstracts VOLUME 56

CONTENTS

REVIEW ARTICLE

Micropropagation of temperate nut trees. By Dinah Hansman and Catherine Owens y de Novoa 403

ABSTRACTS

GENERAL ASPECTS OF RESEARCH AND ITS APPLICATION	1	77	159	219	313	417	513	621	705	797	897	991
TEMPERATE TREE FRUITS AND NUTS												
Almonds	6	81	163	224	321	423	523	626	714	803	904	1000
Apples	7	82	163	224	321	423	523	626	714	803	904	1000
Apricots	11	87	167	231	327	428	531	–	719	808	910	1009
Cherries	11	88	167	232	327	429	531	630	720	808	910	1009
Chestnuts	11	–	–	–	–	–	533	–	721	809	–	1010
Cobnuts and hazelnuts	–	88	–	233	327	431	533	631	–	809	912	1010
Figs	12	–	168	–	–	431	533	631	721	809	–	1010
Mulberries	–	–	–	233	327	–	–	631	–	–	912	1010
Peaches and nectarines	12	88	168	233	328	431	533	631	721	810	912	1010
Pears	13	89	169	234	330	433	538	633	722	810	915	1012
Pecans and hickories	–	90	169	235	332	434	542	–	–	811	915	1013
Pistachios	14	90	170	235	–	434	542	–	722	811	–	1014
Plums, prunes and damsons	14	91	170	235	332	435	543	633	723	811	916	1014
Quinces	14	–	–	236	332	435	543	–	723	811	917	1015
Walnuts	14	91	170	236	332	436	–	634	723	812	917	1015
Sundry crops	15	91	–	–	333	436	–	–	724	–	–	–
SMALL FRUITS												
Actinidia species	15	92	170	236	333	436	543	634	724	812	918	1016
Currants	15	92	170	236	333	437	544	634	725	812	918	1016
Gooseberries	–	–	–	237	334	437	–	–	726	813	918	–
Minor *Ribes* species	–	–	–	–	–	–	–	–	–	813	–	–
Blackberries	15	92	–	237	334	–	544	–	726	–	918	1017
Raspberries	16	92	–	237	334	437	544	635	726	813	918	1017
Minor *Rubus* species	–	93	–	–	–	438	–	–	–	814	–	–
Vaccinium species	16	93	170	238	334	438	544	635	726	814	919	1018
Strawberries	16	93	171	238	335	439	545	635	727	817	921	1018
Sundry crops	–	94	–	240	336	439	547	636	729	819	924	1019
VITICULTURE	17	94	172	240	336	440	547	636	729	819	924	1020
VEGETABLES, TEMPERATE, TROPICAL AND GREENHOUSE												
Alliaceae	23	99	175	245	341	446	554	641	733	823	930	1025
Garlic	23	99	175	245	341	446	554	641	733	823	930	1025
Leeks	24	99	–	245	342	446	554	–	733	824	931	1025
Onions	24	99	175	245	342	446	555	641	734	824	931	1025
Other Alliaceae	–	–	–	247	344	–	–	642	–	–	934	–
Chenopodiaceae	24	100	175	247	344	447	555	643	735	825	934	1026
Beetroots	24	100	–	247	344	447	555	–	735	825	934	1026
Spinach	25	100	175	247	344	447	555	643	735	826	934	1026
Spinach beets	–	–	–	–	345	–	–	–	736	–	–	–
Other Chenopodiaceae	–	–	–	–	–	–	–	–	–	–	–	–
Compositae	25	101	177	248	345	447	557	643	736	827	935	1028
Artichokes (Jerusalem)	25	–	177	248	–	447	557	–	736	827	–	–
Artichokes (globe)	–	101	177	248	345	448	–	643	737	827	–	–
Cardoons	–	101	–	–	–	–	–	–	–	–	–	–
Chicory	26	101	–	248	346	448	557	644	737	827	935	1028
Endives	26	101	–	–	–	448	–	–	737	828	–	1028
Lettuces	26	101	177	248	346	448	557	644	737	828	936	1028

Salsify	–	–	–	–	–	–	–	–	738	–	–	–
Scorzonera	27	–	–	–	–	–	–	–	–	829	–	–
Other Compositae	27	–	–	–	347	–	–	–	738	–	–	–
Cruciferae	27	102	178	249	347	449	558	645	738	829	937	1030
Brassicas	27	102	178	249	347	449	558	645	738	829	937	1030
Cress	–	–	–	–	348	450	–	–	–	830	939	1031
Radishes	28	104	179	251	348	450	560	646	740	830	939	1031
Watercress	–	–	–	251	–	–	–	–	741	831	–	–
Other Cruciferae	–	–	–	–	348	–	–	–	–	–	940	1032
Cucurbitaceae	28	105	179	251	348	451	561	646	741	831	940	1032
Leguminosae	31	107	180	255	351	453	564	649	743	834	943	1034
Beans *(Phaseolus)*	31	107	181	255	351	453	564	649	743	834	943	1034
Beans *(Vicia)*	33	109	–	258	352	455	566	652	745	836	945	1037
Beans *(Cyamopsis)*	34	110	–	259	353	457	–	–	–	–	–	–
Peas	34	110	181	259	353	457	566	653	745	837	946	1037
Other Leguminosae	–	111	–	260	354	–	–	–	746	838	–	–
Liliaceae	36	111	181	260	354	460	568	654	746	838	–	1038
Asparagus	36	111	181	260	354	460	568	654	746	838	–	1038
Other Liliaceae	–	–	–	–	–	–	–	–	–	–	–	–
Malvaceae	37	112	–	261	355	461	568	654	746	838	947	1038
Okras	37	112	–	261	355	461	568	654	746	838	947	1038
Other Malvaceae	–	–	–	–	–	–	–	–	–	–	–	–
Polygonaceae	37	112	–	–	355	–	–	–	–	838	–	–
Rhubarb	37	112	–	–	355	–	–	–	–	838	–	–
Other Polygonaceae	–	–	–	–	–	–	–	–	–	–	–	–
Solanaceae	37	112	181	261	355	461	568	655	747	839	948	1038
Capsicums	37	112	181	261	355	461	568	655	747	839	948	1038
Aubergines and eggplants	37	113	–	262	357	462	569	656	748	840	949	1039
Tomatoes	38	113	182	262	357	463	569	656	749	841	949	1039
Other Solanaceae	–	116	–	–	–	–	–	–	755	–	–	–
Umbelliferae	42	116	184	266	361	466	573	662	755	843	954	1043
Carrots	42	116	184	266	361	466	573	662	755	843	954	1043
Parsnips	–	–	–	–	–	–	–	–	756	–	–	–
Celery	43	116	184	267	362	467	574	663	756	844	954	1043
Celeriac	43	116	184	–	362	467	–	663	–	–	955	1043
Other Umbelliferae	–	117	184	267	–	–	–	663	–	–	–	–
Sundry crops	–	117	185	267	362	467	574	663	756	844	955	1044
Mushrooms	43	117	185	268	362	468	–	664	757	844	955	1044
Other fungi	43	117	185	268	363	468	575	664	757	–	955	1044
ORNAMENTAL PLANTS												
Antirrhinums	–	118	–	269	–	–	576	666	–	847	–	1045
Carnations and pinks	44	118	186	269	364	468	577	666	759	847	956	1046
Chrysanthemums	45	119	186	270	364	468	577	667	760	848	957	1047
Gerberas	45	119	186	271	365	468	578	669	761	848	957	1047
Morning glories	45	–	187	–	366	469	578	669	762	849	–	1047
Pelargoniums	45	120	188	271	366	–	578	669	762	849	957	1047
Petunias	45	120	188	–	366	469	579	670	762	850	958	–
Primulas	–	120	–	–	–	–	579	670	762	–	–	–
Saintpaulias	–	120	188	271	366	470	580	670	–	850	958	1047
Other annual and herbaceous plants	46	120	188	271	366	470	580	670	762	850	958	1048
Bulbs, tubers, etc. – general	47	122	–	273	–	471	–	–	–	852	–	1050
Anemones	–	–	–	273	–	–	582	–	–	–	–	–
Begonias	47	122	189	273	368	471	–	672	764	852	960	–
Crocuses	–	–	–	–	368	–	–	672	–	–	–	1050
Cyclamens	–	122	190	–	368	471	582	672	764	853	960	–
Dahlias	47	122	–	–	368	–	582	–	764	853	–	–
Freesias	–	–	190	–	368	–	583	672	764	853	–	1050
Gladioli	47	122	191	274	368	471	583	672	764	853	961	1050
Gloxinias	–	–	–	–	369	–	–	–	–	–	961	–
Hyacinths	–	123	191	274	369	–	–	–	–	854	961	1050

Irises	47	123	191	274	–	472	583	672	–	854	961	1050
Lilies	47	123	191	274	369	473	583	673	764	855	961	1051
Narcissi	47	–	191	275	369	473	583	673	765	855	–	1052
Nerines	–	123	–	–	–	–	–	–	765	855	–	1052
Tulips	48	123	191	275	369	473	584	673	765	855	962	1052
Other bulbs, tubers, etc.	48	124	191	275	370	473	584	673	765	856	962	1052
Lawns and other turf	48	124	191	275	371	474	585	674	766	857	962	1053
Aquatic plants	–	–	–	–	–	–	–	675	767	858	–	1053
Bromeliads	–	–	–	–	372	–	586	–	–	858	963	1054
Other foliage and succulent plants	49	126	192	276	372	475	586	675	767	860	963	1054
Orchids	50	128	194	279	373	476	587	677	768	862	965	1057
Woody plants – general	50	128	195	280	374	477	588	677	768	863	966	1057
Bougainvilleas	51	–	–	–	–	–	588	–	–	–	–	–
Camellias	–	–	195	281	374	477	588	678	769	863	966	1057
Conifers	51	129	196	281	374	478	–	678	769	864	966	1057
Heaths and heathers	–	129	–	281	375	478	588	678	–	–	–	–
Hollies	51	–	196	281	–	478	589	678	–	864	967	–
Hydrangeas	52	–	–	–	375	–	–	–	769	864	967	1058
Ivies	–	129	196	281	–	478	–	679	–	864	967	–
Jasmines	–	–	–	–	–	478	–	679	–	864	–	–
Lilacs	–	129	196	281	–	–	–	679	–	864	968	1058
Magnolias	–	130	196	281	375	–	589	–	–	–	968	–
Poinsettias	52	130	197	282	375	478	589	679	770	864	968	1058
Rhododendrons and azaleas	52	130	197	282	375	478	589	679	770	865	968	1058
Roses	52	130	198	283	376	479	590	680	770	865	968	1058
Other woody plants	52	131	198	283	376	480	591	680	771	868	969	1059
MINOR TEMPERATE AND TROPICAL INDUSTRIAL CROPS												
Condiment and spice plants	54	133	200	285	378	481	593	682	773	870	971	1062
Dye plants	54	133	–	286	–	483	–	682	774	–	972	1063
Essential oil plants	54	134	200	286	379	483	594	682	774	870	973	1063
Hard fibre plants	56	134	202	287	–	–	595	683	775	–	–	–
Hops	56	135	–	–	–	485	595	683	775	872	–	1064
Insecticidal and other pesticidal plants	57	135	202	288	381	486	596	683	775	872	973	1064
Medicinal plants	58	136	202	288	382	486	597	684	776	873	974	1064
Perennial fatty oil plants	62	143	209	292	–	492	–	690	779	884	979	1070
Sundry plants	62	143	209	292	387	492	603	690	779	884	980	1071
SUBTROPICAL FRUIT AND PLANTATION CROPS												
Avocados	–	144	210	294	388	494	604	690	780	885	980	1072
Carobs	–	–	–	–	388	–	–	691	–	–	–	1072
Citrus	63	144	211	294	388	494	604	691	781	885	980	1072
Dates	66	–	–	–	391	499	611	–	785	–	983	1077
Feijoas	67	–	–	300	–	499	–	695	786	887	–	1077
Litchis	67	148	213	300	392	500	611	695	786	887	983	1077
Longans	–	–	–	–	–	–	–	–	786	–	–	–
Loquats	–	–	–	–	–	500	–	695	–	888	–	1077
Macadamias	67	149	–	300	392	–	612	695	786	888	–	–
Olives	67	149	214	300	392	–	612	695	786	888	983	1077
Passion fruit	67	149	214	301	–	500	612	696	786	–	984	1078
Persimmons	67	149	–	–	393	500	612	696	–	889	984	1078
Pomegranates	67	149	–	–	–	–	612	–	787	889	984	1079
Prickly pears	–	–	–	–	–	–	613	696	787	–	–	–
Tamarillos	–	–	–	–	–	–	613	–	–	–	–	1079
Tung	–	149	–	301	–	–	–	–	–	–	–	–
Sundry crops	67	149	214	–	–	–	613	696	–	890	–	–

TROPICAL FRUIT AND PLANTATION CROPS

Annona species	67	150	214	–	393	–	613	696	788	–	–	1079
Arecanuts	–	150	–	–	393	500	–	–	–	–	–	–
Artocarpus species	67	–	–	301	393	–	–	–	788	–	–	1079
Bananas and abaca	67	150	214	302	393	501	613	696	788	890	985	1080
Cashews	–	–	–	–	393	501	–	–	789	–	–	–
Cocoa	68	152	215	302	394	504	614	697	789	891	985	1081
Coconuts	69	152	–	302	395	505	614	698	790	891	985	–
Coffee	70	152	215	303	395	506	614	698	790	892	986	1082
Cola	–	–	–	304	396	–	–	–	790	–	–	1083
Guavas	71	153	215	–	396	506	614	699	790	893	–	–
Mangoes	71	153	216	304	396	507	614	699	790	893	986	1083
Oil palms	72	154	216	304	397	507	615	700	791	893	986	1085
Pawpaws	72	155	–	–	397	508	615	700	791	894	987	1086
Pineapples	72	155	216	306	398	509	615	700	791	894	987	1086
Rubber	72	156	216	306	398	509	616	700	792	894	988	1086
Sapodilla	72	–	–	–	–	–	–	702	792	–	–	–
Sugarcane	72	156	216	307	398	510	616	702	792	895	988	1087
Tea	75	157	217	311	401	511	617	703	794	896	989	1089
Ziziphus species	75	158	217	312	402	511	618	–	794	896	990	–
Sundry crops	75	158	217	–	402	511	618	704	795	896	990	1090

AUTHOR INDEX 1093

SUBJECT INDEX 1145

ERRATA

(Lines are counted from the beginning of the bibliographic data in each item)

Volume 56

Page	*Abstract*	*Line*	
263	2517	10	For ' were immensed ' read ' were immersed '
269	2572	10	For ' *Viola-Wittrockiana* ' read ' *Viola wittrockiana* '
283	2705	13	For ' Paenchymatization ' read ' Parenchymatization '
288	2752	8	For ' *Geranium viscossisimum* ' read ' *Geranium viscosissimum* '
289	2775	9	For ' chamarzulene ' read ' chamazulene '
525	4909	12	For ' CO induced ' read ' CO_2 – induced '
553	5166	8	For '*Vigna sequipedalis* ' read ' *Vigna sesquipedalis* '
561	5237	6	For ' *Cucumis sativa* ' read ' *Cucumis sativus* '
598	5586	6	For ' en – 19 – acid ' read ' en – 19 – oic acid '
609	5701	8	For ' *Citrus aurantiifolia*' read ' *Citrus aurantifolia* '
866	8086	6	For ' 20μmol/litre ' read ' 20 μmol '
866	8086	13	For ' 0.25 μmol/litre ' read ' 0.25 μmol '

C·A·B INTERNATIONAL
BUREAU OF HORTICULTURE AND PLANTATION CROPS

EAST MALLING RESEARCH STATION
MAIDSTONE ME19 6BJ, KENT, U.K.
Tel. West Malling (0732) 843833

Staff

Director

D. O'D. Bourke, MA, DipAgric, FLS

Scientific Information Officers

Mrs D. J. Cousins, BSc
Miss J. E. K. Cox, BScHort
A. M. Doroszenko, BSc, PhD
Miss E. E. Hardman, MSc
J. W. Jordan, FIL, Kew Cert
Miss A. J. Rendell-Dunn, BSc
Mrs J. M. Talboys, BSc, Dip PlantPath

SYMBOLS FOR UNITS

Symbol	*Unit or Prefix*	*Symbol*	*Unit or Prefix*	*Symbol*	*Unit or Prefix*
a	are	g	gramme	μbar	microbar
A	ampere	G	giga-	min	minute (time)
Å	angstrom	gal	gallon	mol	mole
atm	standard atmosphere	h	hecto-	n	nano-
Btu	British thermal unit	h	hour	Ω	ohm
bu	bushel	hp	horsepower	oz	ounce
c	centi-	hz	hertz	p	pico-
°C	degree Celsius	in	inch	pt	pint
cal	calorie	J	joule	q	quintal
cd	candela	k	kilo-	qt	quart
Ci	curie	l	litre	R	roentgen
ctl	cental	lb	pound	rad	rad (amount of absorbed radiation)
cwt	hundredweight	lbf	pound-force		
d	deci-	lm	lumen	s	second (time)
da	deca-	lx	lux	t	tonne (metric ton)
erg	erg	m	metre	T	tera-
f	femto-	m	milli-	ton	ton
°F	degree Fahrenheit	mbar	millibar	V	volt
fl oz	fluid ounce	M	mega-	W	watt
ft	foot	μ	micro-	yd	yard

SYMBOLS FOR LANGUAGES

Af	Afrikaans	Fi	Finnish	Nl	Dutch and Flemish
Ar	Arabic	Fr	French	No	Norwegian
Az	Azerbaijan	Gr	Greek	Pl	Polish
Be	Belorussian	He	Hebrew	Pt	Portuguese
Bg	Bulgarian	Hu	Hungarian	Ro	Romanian
Ch	Chinese	In	Indonesian	Ru	Russian
Cs	Czech	It	Italian	Sh	Serbo-Croat
Da	Danish	Ja	Japanese	Sk	Slovak
De	German	Ko	Korean	Sn	Slovene
Ee	Estonian	Li	Lithuanian	Sv	Swedish
En	English	Lv	Latvian	Tr	Turkish
Es	Spanish	Ma	Macedonian	Uk	Ukrainian
		My	Malay		

Symbols with capitals represent the language of the paper; symbols without capitals the summaries.

AUTHOR INDEX

Aabrandt, Z. 9922
Aalbersberg, W. 9613-9615
Aarf, L. H. 7829
Aarif, L. H. A. 342
Aastveit, K. 8747
Abad, M. M. 997
Abada, M. 8725, 8751
Abadía-Fenoll, F. 5181, 7711
Abadía, J. 844, 3152
Abadia, J. 988
Abaev, M. N. 5672, 10082
Abashidze, G. Z. 2312
Abbas, S. 2818
Abbondanza, A. 2762
Abbott, D. L. 3862
Abbott, F. S. 5645
Abbott, J. D. 7052, 9550
Abd-Allah, I. M. 2513, 2544
Abd El-Maksoud, H. K. 2473
Abd El-Malek, Y. 2473
Abd-Elrazik, A. A. 2364
Abdalla, K. M. 7356-7357
Abdalla, N. M. 1292, 1905-1906, 7122, 7259, 7298
Abdel-Hafez, O. M. 1969
Abdel-Kader, H. 7932
Abdel-Latif, M. F. 7359
Abdel-Rahim, E. A. 6588
Abdel-Salam, N. A. 4168
Abdellah, I. M. 1020
Abdelrahman, M. H. 3205
Abduazimov, B. Kh. 6423
Abdul, K. S. 342, 7829
Abdul-Razik, A. 3208
Abdullaev, N. D. 6398, 6423, 6437, 8184, 8302
Abdullah, M. S. 6695
Abdur Mukti Nur 2914
Abdurachman, A. 9127
Abdurakhmonov, N. A. 5943
Abdusamatov, A. 6361
Abe, F. 2765
Abe, H. 5295
Abe, J. 3845
Abe, K. 7237
Abe, M. 7436-7437
Abed, I. A. 1020
Abed, T. A. 2413, 2513
Abel, S. 3448
Abeles, F. B. 8784, 8871
Abeywardene, V. 4775
Abidi, A. B. 4749
Abigor, D. R. 5755
Abo-Hamed, S. 670
Abori, A. 6020
Abou El-Magd, M. M. 5287
Abou-Elzahab, M. M. 2796
Abou Haidar, S. 4356
Abou-Heilah, A. N. 9243
Abouzamzam, A. M. 9742, 9749-9750
Abozinah, F. S. 5336-5337
Abracheva, P. 9565
Abraham, H. 2735
Abraham, K. O. 3808
Abraham, P. D. 6563
Abraham, Z. 6381
Abramov, V. K. 6013
Abreu, J. M. H. 5739
Abrol, I. P. 5173
Abruña, F. 6916, 7023, 7392
Abu-Irmaileh, B. E. 7018
Abu-Mustafa, E. A. 1969
Abu Zarga, M. H. 8253
Abubakirov, N. K. 6431, 6437, 8151, 8188, 8293, 8302
Abulashvili, T. G. 4120
Abzianidze, N. V. 5696
Acaster, M. A. 379
Acay, D. R. 8387
Accati Garibaldi, E. 1114
Acevedo, E. 758, 3038
Achar, H. P. 1665
Achenbach, H. 566, 8273
Achinewhu, S. C. 10187
Achremowicz, B. 393
Ackerman, W. L. 4439
Ackermann, A. 4451
Acland, A. M. 4841
Aclinou, P. 2774
Acosta, L. 2795, 9997
Acosta, N. 9685
Acree, T. E. 4954, 5714
Acton, N. 1937-1938, 5584
Adachi, M. 5888
Adachi, N. 8966-8967, 9781
Adachi, T. 431
Adachi, Y. 8963
Adam, C. S. 2335
Adam, G. 560
Adam, S. O. 913
Adam, V. 1829, 9881
Adam, Z. 1767, 6192
Adamczyk, U. 2606
Adamicki, F. 2445, 3291
Adamov, M. G. 2252, 3135, 7555
Adamović, D. 581
Adamovich, Z. I. 3100
Adamovský, R. 6852
Adams, M. W. 1018
Adams, P. 266, 2427, 2430, 2534, 8837, 8932-8933
Adams, R. E. 6724
Adams, S. 8411
Adams, W. W., III 7491, 9864
Adamson, H. 9723
Adatia, M. H. 8837, 9683
Adato, I. 10095
Addae-Mensah, I. 566
Addicott, F. T. 5418
Addison, C. 8074
Addy, M. E. 1320, 1374
Ade, G. 2186, 4933
Adebanjo, A. 5308
Adebona, A. C. 5753
Adegoke, E. A. 7284
Adelsheim, D. B. 4091
Aderkas, P. von 4416, 5469
Adesina, S. K. 564, 1895, 2008, 2808, 2812, 3653
Adesomoju, A. A. 3665, 3704
Adewunmi, C. O. 3653, 6345, 8256
Adey, A. 3846
Adeyi, O. 1304
Adhikari, K. S. 3121
Adillón Jaén, J. 9794-9796, 9816
Adinolfi, M. 445
Adisewojo, S. S. 9191
Adityachaudhury, N. 5566
Adjei-Maafo, I. K. 3818
Adler, C. 2757
Admon, A. 1674
Adolf, W. 1325
Adomako, D. 4603
Adriansen, E. 2586-2587, 2704, 3503, 8998, 9098
Adsule, R. N. 557, 1927
Aducci, P. 8777
Adzet, T. 1689
Aendekerk, T. G. L. 1855
Aerny, J. 8714
Affeldt, H. A. 52
Afify, M. M. 2615
Afonso Neto, M. J. 34
Afsharypuor, S. 1960, 5596
Afzal, M. 9147
Agaev, N. A. 3240
Agalarzade, G. B. 5274
Agamalian, H. 7727
Agamalian, H. S. 243
Agami, O. 2579
Agapova, M. V. 9452
Agarwala, S. C. 2406, 8409-8410
Ageel, A. M. 2024, 3721
Ageeva, N. G. 8558
Ager, P. L. 8611
Aggarwal, S. G. 520
Aggarwal, V. K. 520
Agha, N. S. A. 6631, 6702
Agina, E. A. 2610-2613
Agnew, M. L. 1820-1821
Agnew, M. P. 7676
Agnihotri, N. P. 221
Agnihotri, V. P. 6577
Agostini, G. 8102
Agostini, M. 5085, 5093-5094
Agrawal, B. P. 595
Agrawal, M. 6968
Agrawal, P. K. 600
Agriculture Canada 4348
Aguado, M. T. 9409
Aguilá, J. F. 7479-7480, 8068
Aguillón Galicia, A. 7070
Agunloye, O. 6983
Agustí, M. 1421, 2056, 5708
Agzamova, M. A. 8188
Aharoni, Y. 8793
Ahlawat, V. P. 3859, 7343
Ahlswede, J. 6503
Ahmad, A. W. 8900, 9218
Ahmad, F. 8231, 9211
Ahmad, I. 492, 1356, 8231, 9209
Ahmad, J. 2926, 8399
Ahmad, M. S., Jr. 9211
Ahmad, R. 492, 6305, 8231
Ahmad, V. U. 1308, 1973, 3697, 5607, 9992
Ahmadouch, A. 3636
Ahmed, B. 6411
Ahmed, E. M. 4566
Ahmed, El-H. M. 4566
Ahmed, J. 4559
Ahmed, K. 4297
Ahmed, K. M. 6860
Ahmed, M. 6984
Ahmed, M. K. 6870
Ahmed, N. 3651
Ahmed, S. K. 1905-1906
Ahmed, T. A. 7356-7357
Ahmedullah, M. 6826
Ahn, B. C. 5614
Ahn, B. Z. 1362, 1995
Ahn, C. S. 1707
Ahn, H. K. 1624
Ahn, Y. H. 5515, 6299
Ahrens, J. F. 7191
Aiba, L. Ya. 4996
Aicha, B. B. 9755
Aicha, B. Ben 6011
Aimi, N. 1983
Aipe, K. C. 4769
Aisaka, K. 2013
Aitken, J. B. 5059
Aitken, R. L. 5269
Aitkens, G. J. 5065
Aiyama, R. 6356
Ajao, A. O. 1966, 8177
Akai, E. 1941, 6370
Akazawa, T. 7784
Akbar, S. 2603, 3678, 8216
Akehurst, J. M. 6863
Åkerlund, H.-E. 766
Akhila, A. 507, 1262, 1907, 3634, 9167
Akhmatova, A. T. 2481
Akhmatova, Z. P. 4011, 8585, 8597
Akhmedova, E. R. 1244
Akhmedzhanova, V. I. 6405, 8246
Akhter, M. H. 1343
Akhundova, E. S. 7151
Akihama, T. 4027
Akimitsu, K. 4833
Akimov, Y. A. 9325
Akimov, Yu. A. 4505
Akinin, N. I. 2299
Akiyama, Y. 7941
Akiyoshi, H. 2057-2058
Akopov, A. A. 6436, 6439
Akopyan, G. O. 9976
Akoroda, M. O. 6982, 7768
Akoyunoglou, A. 5273
Akoyunoglou, G. 5273, 9712, 9715
Akpagni, K. 2952
Al-Ani, A. 6069-6070
Al-Ani, A. M. 117, 3175, 5054
Al-Badawy, A. A. 1292, 1905-1906, 7122, 7259
Al Barazi, Z. 2258
Al-Hamando, M. M. 3767
Al-Jarrah, A. Z. 3763
Al-Jeboory, A. 582
Al-Khalil, S. 603, 4592
Al-Khazraji, N. K. 8206
Al-Maarri, K. 6768
Al-Madeni, M. A. 7364
Al-Meshal, I. A. 2024, 3721, 6453, 8161, 9985
Al-Mohammed, M. 7083
Al-Muhtadi, F. J. 9156
Al-Obaidi, Z. S. 3767
Al-Oriqat, G. 9147
Al-Qadi, M. T. 3763
Al-Said, M. S. 5601
Al-Saidi, I. H. 4122
Al-Salih, A. A. 3763
Al-Shalhat, A. 7083
Al-Sogair, A. 7083
Al-Yahya, M. A. 8161
Al-Zabidi, A. H. 10128
Alagawadi, K. R. 2447
Alagiapillai, O. A. 969
Alam, M. 5606
Alam, M. M. 1082, 7847-7848, 8904, 9135-9136
Alam, M. N. 4560, 4588, 4780
Alam, M. S. 4588, 4780
Alamis, L. A. 2949
Alan, R. 2428-2429
Alaniz, J. R. 9826
Alankararao, G. S. J. G. 586
Alard, D. 223
Alawi, B. J. 4122
Alba, I. 4639
Albar, Y. 7155
Albasini, A. 1266
Albert, A. 9911
Albertini, A. 833, 9480
Alberts, A. 8414
Alberts, A. J. 5737
Albertsson, P.-Å. 766, 1675
Alborishvili, Ch. A. 7685
Albregts, E. E. 146, 2292, 5091, 5097
Albright, L. D. 5390, 9347
Albuerne, M. 9484
Albuquerque, J. A. S. de 172
Albuquerque, T. C. S. de 172
Alcalde Blanco, S. 5686
Alcaraz, C. F. 627, 6993, 7024, 7323, 7338, 7340
Alcaraz, M. J. 1998, 8292
Alderman, W. H. 8616
Alderson, P. G. 2259, 6297
Aldrich, J. H. 9493
Aldwinckle, H. S. 3088
Alejar, A. A. 6533
Alekperov, I. N. 2314
Aleksandrova, G. D. 5903
Aleksanyan, D. S. 2741
Alen, M. 633
Alencar, J. W. 9965
Aleskerova, A. N. 6363-6364, 8129
Alex, H. 1162
Alexa, M. 1968
Alexander, A. G. 732
Alexander, D. M. 1619

Alexander, J. C. M. 4802, 5796
Alexander, J. H. III. 8069
Alexander, W. L. 5650-5652
Alexandre, J. 9625
Alexe, C. 7933
Alfa, A. A. 3731
Alfonso, D. López 7348
Alfonso, J. Rescándido 7348
Algie, J. E. 8553
Ali, A. M. 2726
Ali, A. R. M. 8313
Ali, E. 4500
Ali, F. M. 8359
Ali, I. 1945, 6371
Ali, K. F. 553
Ali, M. 313, 1375
Ali, M. H. 10177
Ali, M. M. 10177
Ali, S. A. 3839
Alibalić, Š. 538
Aliberti, C. 8711
Alieva, Z. A. 8890
Alink, G. J. 1592
Aljaro U., A. 4293
Alkema, P. 3956
All, J. N. 4128
Allain, P. 516
Allakhverdov, B. L. 226
Allan, E. J. 9164
Allavena, A. 5261
Allen, A. K. 6774, 8234
Allen, J. J. 1727
Allen, L. H., Jr. 2983, 8332
Allen, R. D. 1347, 2799, 8466
Allen, W. W. 2714
Alleweldt, G. 187, 2332
Allingham, Y. 759
Allison, E. 851
Alloway, B. J. 8948-8949
Alm, S. R. 9391
Almagboul, A. Z. 1286, 3659, 4535
Almaguer Roja, L. 7387
Almehdi, A. A. 6748
Almeida, L. C. de 2986-2987
Almeida, L. d'A. de 4206
Almela, L. 6753
Almela, V. 2056, 5708
Alo, B. 7284
Alofs, W. J. 9560
Alomar, O. 2345
Aloni, B. 3400, 4173, 4294, 6089, 9772
Alonso Cabo, E. 1394
Alonso, E. 618
Alonso-López, M. 1287
Alpízar, L. 10142
Alscher, R. 276
Al'shevskii, N. G. 1272
Alspach, P. 2362
Alston, A. M. 9333
Alt, D. 204
Altan, T. 487
Altman, A. 4866
Alvarado, Y. E. 3761
Alvarenga, M. A. R. 5170
Alvares, M. C. 3322
Alvarez, E. 4630, 5716
Alvarez González, C. E. 9908
Alvarez, M. 4634-4635, 6109
Alvarez, P. 6195
Alvarez, P. R. 1498, 4766
Alvarez, R. 3831
Alves de Lima, R. 1326
Alves, R. C. P. 2864
Alves, S. 3141, 3143
Alvi, K. A. 1294, 9992
Alvim, R. 10133
Alvisi, F. 3181
Amadei, L. 5574
Amagai, H. 6118-6119
Amagaya, S. 5639
Amalraj, V. A. 1305, 1319
Amâncio, S. 7494
Amann, M. 1940, 5587, 8191
Amano, A. 9106
Amano, H. 1706
Amano, S. 2057-2058
Amaral, W. do 6559
Amarasekera, A. S. 5617
Amăriuței, A. 7933
Amarjeet Singh 57
Amashukeli, I. D. 6497
Ambekar, J. S. 4257, 6963
Amber, A.-ur-R. 1308
Amberger, A. 4337, 8483
Amberger, S. 6217
Ambujam, V. 2005
American Orchid Society Bulletin 1846
American Society for Horticultural Science 3014-3015
Americanos, P. G. 3373
Amico, A. 551, 4395
Amico Roxas, U. 7115
Amin, G. 8160
Amino, S. 1094
Amintaev, Z. N. 2193
Aminuddin 4561
Amir-Shapira, D. 4866
Amiri, I. 5982
Amiya, T. 1934, 6355
Amma, B. S. 2911
Amma, S. 5775
Ammerlaan, A. 6066
Ammerlaan, A. W. S. 6136
Ammirato, P. V. 5791
Ammon, H. P. T. 3677
Ammouche, A. 4006
Amoabin, S. 5344
Amonoo, R. S. 10135
Amor, F. del 1563, 7329
Amsen, M. G. 3061, 4855, 8470, 9344
Amsi, D. M. Do 7402
Amstrong, M. 2125
Anaïs, G. 5323
Anam, E. 3693
Anand Akhila 9167
Ananich, M. E. 8863
Ananthakrishna, S. M. 2207, 7550
Anbalagan, K. 8311
Anbiru, T. 9914
Anchanam Alagiapillai, O. 969
Andersen, A. 5324, 6116
Andersen, A. S. 7893, 8108, 9922
Andersen, O. 687, 2886
Andersen, Ø. M. 8652
Andersen, P. C. 910, 9493
Anderson, C. E. 8861
Anderson, E. F. 5571, 8044
Anderson, I. W. 3316
Anderson, L. A. 5595
Anderson, L. E. 2484
Anderson, M. G. 5466
Anderson, R. C. 3702
Anderson, T. 2839, 8320
Andersson, B. 766, 9631
Andersson, E. 2585
Andert, A. 752
Anderton, B. H. 8761-8762
Anderton, S. 6238
Andhiwal, C. K. 9194
Andiloro, F. 2849
Ando, T. 1801, 7941
Andoh, Y. 4436
Andotra, P. S. 3811, 4949
Andow, D. A. 9663
Andrade, C. H. S. 9965, 10011
Andrade, M. J. B. de 8854
Andrade, V. M. de M. 3332, 3336
Andre, W. 9859
Andreani, A. M. 1578
Andreev, L. N. 8408
Andreev, V. Y. 1585
Andreeva, A. S. 9717
Andreeva, E. N. 8911
Andreeva, L. A. 5643
Andreeva, R. A. 7062
Andreeva, V. I. 875, 2298, 7648
Andrei, P. 249
Andreichin, R. 6650
Andreu Rodriguez, C. 1475
Andrew, W. T. 5230
Andrews, C. P. 4978
Andrews, J. 4271-4272
Andrews, K. L. 6998
Andrews, L. 9440
Andrews, P. K. 4972, 5881
Andrews, S. 2684
Andriopoulou-Athanassoula, T. 6337
Andris, H. L. 5148
Androcioli Filho, A. 4737, 9268
Andryushchenko, I. V. 987
Andryushchenko, V. K. 987
Anees, I. 5557
Aneja, D. R. 10189
Anelli, G. 2398, 9535
Añez, B. 4163
Angelini, P. 2893
Angelini, S. 5033
Angelov, A. 8080, 8082, 9087, 9909
Angenot, L. 1974, 3714, 8296
Angerilli, N. P. D. 3957
Angiboust, A. 3924, 6505
Angkapradipta, P. 9217
Anglo, P. G. 2949
Anika, S. M. 6387, 8214-8215
Anil Mathur 2395
Anis, M. 5577
Anisimov, A. A. 9720
Anjaneyulu, A. S. R. 7264
Anjaneyulu, K. 2039, 2051
Anjaneyulu, V. 691, 8236
Anjum 1082
Anklin, C. 5630
Anma, S. 5775
Ann, D. M. 3866
Annappan, R. S. 3795
Annual Report, University of Agricultural Sciences, Hebbal, Bangalore 717
Anonis, D. P. 5386
Ansari, M. A. 913
Ansari, M. R. 1665
Ansari, M. S. 9979
Anselmo, G. 7872
Anserwadekar, K. W. 7978
Anthon, G. E. 9760
Anthony, V. M. 3196
Antipova, O. V. 4226
Anton, R. 1357, 4465
Antón Vallejo, A. 7984
Antonacci, D. 5127
Antonacci, E. 3244, 4124, 5937, 8709
Antonelli, A. 8016
Antonelli, M. 4994
Antonelli, N. 3420
Antoni S., M. G. 6552, 6554
Antonova, I. S. 7566
Antonyuk, L. P. 1046
Antoun, M. D. 8161
Anttonen, T. 4105
Anvari, S. F. 1605, 9526
Anver, S. 9135
Anwar, J. 5606
Anwar, M. 514, 5540-5541
Anwar Masood 9134
Anwar, S. 6526-6527
Anyabuike, C. 1304
Anyanwu, D. I. 9727
Anzueto, C. R. 7551
Aoba, K. 5041
Aoki, M. 7495
Apablaza, G. 7832
Apakidze, A. V. 5944
Aparbal Singh 4502, 4556
Apeland, J. 2399, 2403
Apelbaum, A. 4267, 6074, 8793, 8881-8882
Apeles Díaz, M. 7997, 8025
Aphalo, P. J. 9078
Apolokhov, F. F. 4942
Aponte, A. 1504
Appezzato, B. 6123
Appleby, J. E. 1208
Apps, D. A. 7998
Apt, W. J. 4770
Aquino, R. 2006
Arabadzhi, Z. S. 4123
Arad, S. M. 1743
Aradski, M. 2149, 8516
Aragaki, M. 482, 9898
Aragón, R. 9804
Arai, K. 1715, 5248
Arai, S. 1668
Araki, S. 8770
Araki, Y. 9649
Arambewela, L. S. R. 5617
Arango, A. 6998
Arango, W. 6469
Aratani, T. 3671
Araujo, E. F. 6040
Araújo, G. A. de A. 6953
Araújo, J. R. de 2986-2987
Aravindakshan, M. 4772
Araya, R. 6036
Arb, C. von 1044
Arbeláez, G. 5384
Arbeloa, F. J. 18
Arbizzani, R. 3134
Archakova, L. I. 6896, 7755
Archbold, D. D. 3210, 8653, 8673
Archer, A. W. 3618
Archer, E. 5144
Archer, T. E. 5074
Arcos, F. 9779
Ardenghi, A. 3222
Arditti, J. 466, 1839, 8049
Arenas M., L. E. 5787
Arends, J. C. 9055
Arendt, N. K. 1441
Argay, G. 9181
Argent, G. C. G. 9917
Argentina, Estación Experimental Agro-Industrial "Obispo Colombres" de Tucumán 9314
Argentina, Estación Experimental Regional Agropecuaria INTA Alto Valle 741
Argerich, C. A. 1012-1013, 1070, 1089
Argüello, J. A. 7698
Arguello, O. A. 4718
Argyriadou, N. 1751
Argyroudi-Akoyunoglou, J. H. 9712
Arias Giralda, A. 9586
Arias Moreira, O. 6587
Arichi, S. 1363, 3164-3165, 6428, 8193, 9187
Arif, M. B. 3764
Arif, S. 1308
Arigoni, D. 5347
Arihara, S. 3352
Arisawa, M. 3668, 8232, 10013
Arisco, M. 7095
Aristeridou, M. 867
Arisumi, K. 2681, 4441, 4448, 7143, 9839
Aritomi, M. 525, 2375
Arjona D., H. 5215
Armas, R. de 10197-10199, 10201-10202
Armenta C., S. 7043
Armitage, A. M. 1129, 5375, 7943
Armstrong, J. E. 1210, 6327, 9936
Arnason, J. T. 549
Arnaud, Y. 6768
Arndt, H. 6111
Arnim, J. von 9092
Arnó, J. 455
Arnold, C. E. 840
Arnold, G. M. 2178, 7684
Arnold, H.-J. 4534
Arnold, R. 4839
Arnold, V. 3350
Arnoux, M. 6755, 8556
Arnscheidt, A. 7467
Aronson, J. A. 3026
Arora, B. 8309-8310
Arora, P. N. 254, 2363
Arora, R. K. 7343
Arora, S. K. 5182
Arora, V. K. 9979
Arraras, E. A. 6043
Arriaga, F. J. 5648

Arriaga-Giner, F. J. 1287
Arrillaga, I. 9174
Arrington, E. H. 105
Arron, G. P. 1880
Arru, O. 139
Arruda, F. B. 2262
Arteca, R. N. 380, 2592
Artemenko, E. N. 4264
Arthur, E. D. 3362
Arthur, N. 7226
Artyugina, Z. D. 6012
Arus Gorina, P. 9793
Arusawa, M. 1358
Arvindaprasad, B. 7550
Arya, P. S. 3310, 3460
Arzee, T. 7786
Arzilli, I. 8832
Arzone, A. 2241, 2712, 7208
As, H. van 9361
Asada, K. 229
Asada, Y. 3319
Asadulaev, Z. M. 2166, 9399
Asady, G. H. 1018
Asaka, Y. 431
Asakawa, Y. 1251, 2804, 3705, 7231
Asami, T. 6881
Asano, A. 6243-6244
Asano, J. 9914
Asano, K. 10004
Asano, T. 6347
Asaph, R. 8693
Asay, R. N. 8583
Ascenzi, P. 8777
Ascerno, M. 1208
Ascher, P. D. 424, 3497-3499
Ascui M., L. 3740
Ashburner, K. 1881
Ashdown, D. 478
Asher, C. J. 8419
Ashihara, H. 8204
Ashkenazi, Y. 10052
Ashley, R. A. 285, 5241, 5329
Ashmore, C. R. 4491
Ashtaputre, J. U. 4298
Ashwood-Smith, M. J. 2551
Ashworth, E. N. 2245, 3594, 8634, 9912
Ashworth, L. J., Jr. 4036-4037
Asian Vegetable Research and Development Center 3323, 8458
Asiegbu, J. E. 263, 367
Asif, M. 1294, 9146
Asjes, C. J. 4376
Askri, F. 5113
Aslanov, Kh. A. 6378, 6380
Aslanov, S. M. 6507
Asman, A. 3621
Asociación Interciencia 5798
Aspinall, D. 5344
Asres, K. 6432, 7254
Assche, C. van 6002
Assche, F. van 1823, 7798, 9706
Asselin, C. 911
Assis, V. L. G. de 4304
Assmann, S. M. 2475
Association Scientifique Internationale du Café 9307
Astabatsyan, G. A. 1639
Astadzhov, N. 526
Asthana, O. P. 524
Astle, M. C. 5258
Astley, D. 3279
Asuzu, I. U. 8214-8215
Ataga, D. O. 9276
Atak, E. D. 5218
Atak, U. 5218
Atal, C. K. 1130, 1375
Atanasov, A. I. 1596
Atger, P. 6749
Atique, A. 2068, 3683
Atiri, G. I. 8327
Atkey, P. T. 3008
Atkin, D. R. 3735
Atkins, H. A. 9462
Atkinson, D. 49, 2156, 9384, 9425
Atmawinata, O. 2035, 2077, 3731
Atputharajah, P. P. 6532
Atta-ur-Rahman 1294, 1370, 1945, 6371, 8115, 8284-8286, 10027
Attalla, A. M. 4030
Attia, M. M. 4688
Attibayeba, A. 1615
Atwood, J. T. 1201
Aubert, S. 2352
Aucamp, E. 1729
Auchet Jenkens, F. 10146
Auderset, G. 9635
Audran, J.-C. 4422
Audsley, E. 928
Augé, R. 442
Augé, R. M. 8079
Augustin, M. A. 4747
Aung, L. H. 6599
Austin, M. E. 8646
Australia, Australian Society of Plant Physiologists 5800
Australia, Australian Society of Sugar Cane Technologists 7449
Australia, Bureau of Sugar Experiment Stations 4816, 8421-8422
Australia, CSIRO Division of Food Research 9308
Australia, Department of Agronomy and Horticultural Science, University of Sydney 6607
Australia, Irrigation Research Institute, Tatura 6608
Australia, Sandy Trout Food Preservation Research Laboratory 4817
Australia, Sunraysia Horticultural Research Institute 6609
Australian Cultivar Registration Authority 1235
Autio, W. R. 2162, 6144, 9472
Avakyan, A. V. 7819
Avaliani, D. I. 1399
Avanzi, S. 9464
Avdeev, V. I. 4086
Aved, T. A. 2544
Avedillo, M. 6998
Avelar, M. L. 120
Averett, J. E. 9001
Averina, M. 6838-6839
Avidan, B. 5804
Avidan, N. 2065, 10106
Avigne, W. T. 8332
Avila A., J. G. 8156
Avila, C. 6135
Avilán, L. 1445
Avilán Rovira, L. 6456
Avilés, R. 7404
Aviram, H. 4179, 8725
Avishai, M. 7216
Avramovski, T. 9492
Avron, M. 1674
Awaad, K. E. 4670
Awad, A. R. E. 3521, 7909
Awad, M. 9254
Awal, A. 4792
Awasthi, D. N. 3104, 3272
Awasthi, L. P. 548, 5561
Awasthi, M. D. 2142, 7851
Awasthi, R. P. 8527
Aweryn, B. 568
Awumey, E. M. K. 1320
Ayabe, S. 8241
Ayafor, J. F. 1964, 4565
Ayala Flores, F. 9142
Ayerbe, L. 3727
Ayerbe, Y. 1139
Ayfer, M. 9299
Aynechi, M. 9181
Aynehchi, Y. 8160
Ayoub, S. M. H. 3648-3649, 8150, 9958
Ayuso Gonzáles, M. J. 5646
Ayuso González, M. J. 4548
Ayuso, M. J. 3725
Ayyanna, R. 4711
Ayyar, K. S. 8132
Ayyavoo, R. 2030
Azad, K. C. 80
Azaga, A. K. 913
Azaizeh, M. 2443
Azaldin, M. Y. 8416
Azam, M. F. 372
Azarkova, A. F. 2764, 3662
Azaryan, R. A. 5610
Azeemoddin, G. 508, 517
Aziz, N. K. 5593
Aziz, Z. A. 4214, 4220
Azzani, P. 3134
Azzini, A. 2750
Baaliouamer, A. 5717
Bååth, E. 941
Baba, K. 7279, 9105
Babadjamian, A. 3809
Babaev, R. I. 1261
Babaev, V. I. 2150
Babaeva, Sh. R. 2662
Babazada, M. 3208
Babb, T. 5928
Babbar, S. B. 9998
Babcock, D. 6253
Babik, I. 3455, 6140
Babiker, A. G. T. 6870
Babin, K. 9390
Babu, G. H. V. R. 3756
Babu, J. D. 3748
Babu, L. C. 9123
Babu, N. M. 4479
Babu, R. C. 2928
Babu, R. S. H. 638, 4653
Babuk, V. I. 4919
Baby, P. 586
Babylatha, A. K. 4772
Baccaunaud, M. 6674
Bacchi, O. O. 4784
Baccou, J. C. 3720
Bachtell, K. R. 1878, 5481
Bachthaler, E. 1779, 7937
Backfisch, R. 467
Backhaus, R. A. 10183
Backoula, E. 5199
Baczewska, H. 2180
Badalov, M. M. 1330
Badalov, P. P. 4047
Badami, R. C. 2447
Badei, A. Z. M. A. 5537
Bader, S. M. 3763
Bădescu, G. 7611
Bădescu, L. 7611
Badga, D. 97
Badheka, L. P. 3617
Badiali, G. 7220
Badiger, M. K. 6539
Badila, P. 956, 3309
Badji, M. 1074
Badosa, R. 9799, 9805
Badour, C. 5107
Badra, T. 3359
Badyal, J. M. 3183, 8618
Bae, S. T. 6967
Baerdemaeker, D. De 8780
Baerheim Svendsen, A. 571, 4515, 4590, 8298
Baerheim-Svendsen, A. 9989
Baeten, H. 7150
Baeten, S. 3057-3058
Baets, W. 5914
Bævre, O. A. 2426, 2520, 2524, 3430, 3450, 8975
Báez, C. C. de 8754
Báez, J. 9908
Baffi, C. 1732
Bagarolo, L. 6663
Bagaturiya, N. Sh. 2739
Bagby, M. O. 4610
Bagchi, A. 1992
Bagchi, D. K. 4279
Bagde, T. R. 4746
Baggett, J. R. 3413
Bagi, M. K. 1929, 3632
Bagnara, G. L. 5031, 5036
Bagni, N. 4156, 5408, 7726, 9461
Bagnoli, B. 2891
Bagrova, A. M. 2490
Baguena, M. 4333
Bagyaraj, D. J. 2361, 3387
Bahadur, J. 1054
Bahaeddini, F. 8166
Bai, H. Y. 5280
Baigent, D. R. 7315
Bailey, B. J. 3060, 7861, 9351
Bailey, C. H. 3145
Bailey, D. A. 7192, 8987, 9895
Bailey, W. G. 6417
Baillod, M. 2318
Baird, C. D. 8342
Bajaj, Y. P. S. 671
Bajwa, D. S. 1000, 4199
Bajwa, G. S. 177
Bajwa, M. S. 924, 3260, 3757
Bajwa, P. S. 5420
Bakalova, M. V. 8306
Bakana, P. 1991
Bakanidze, M. Sh. 10213
Baker, C. J. 2467
Baker, E. A. 2131
Baker, I. W. 10156, 10168
Baker, J. E. 1742, 5385
Baker, J. M. 9030
Baker, K. F. 5809
Baker, K. K. 1583
Baker, M. A. 2646
Baker, N. R. 9721
Baker, R. 340, 2579, 5820, 6078-6079, 9667
Baker, R. J. 9699
Bakhanashvili, M. 4267
Bakhshi, J. C. 5952
Bakir, M. A. 7134
Bakker, J. 7684
Bakker, J. C. 1543, 2421-2422, 7785, 7840, 9352
Bakker, J. J. 5987, 6086, 6097, 6112, 7831
Bąkowski, J. 3263, 3292, 6140
Bakri, A. H. 2938
Bakry, F. 656, 2072
Bakry, M. O. 5287
Baksik, A. 261
Bakuridze, A. D. 9144
Bal, E. 5912
Bal, J. S. 728
Bala, G. 6027
Bala, R. 3522
Bala, S. K. 8887
Balaban, V. D. 6699
Balachandran, S. M. 4482
Balakrishnan, K. A. 626
Balakrishnan, R. 6328, 10125
Balakrishnan, S. 925
Balakrisnan, K. V. 8178
Balan, V. V. 4902
Balandina, L. N. 5835
Balandrin, M. F. 2752, 9932
Balangé, A. P. 8815
Balansard, G. 3809
Bălaşa, M. 4317
Bălăşcuţa, N. 4026
Balashanmugam, P. V. 2726
Balashvili, M. I. 4131
Balasubrahmanyam, V. R. 1529, 2031, 2034, 2755, 2818, 2826-2827, 5563
Balasubramaniam, E. M. 398
Balasubramaniam, K. 9266
Balasubramaniam, S. 4606, 9154
Balasubramanian, R. 4731
Balayer, M. 3565
Balázs, S. 1106, 1525, 1753, 1760
Baldini, E. 6591
Baldino, E. 5136
Baldwin, R. E. 7469
Balica, A. 6956
Balick, M. J. 9213
Baligar, V. C. 5969
Baljit Singh 857
Balkarov, Kh. Zh. 2152
Ballantyne, A. 7652
Ballantyne, D. J. 1871
Ballard, J. K. 2161
Ballard, R. E. 8602
Ballester, A. 102
Ballester, J. 682
Ballinger, W. E. 1638
Ballio, A. 8777
Balls, R. 4794

Balls, R. C. 6592
Bally, I. S. E. 10159
Bálo, B. 9593
Bálo, E. 6831
Balraj Singh 3749
Balsevich, J. 2770
Baltassat, F. 9983
Balyan, D. S. 2358
Balza, F. 549
Bamba, D. 3809
Bambridge, J. M. 2369, 2595, 5970
Bamburova, L. S. 7062
Ban, C. D. 262
Banaigs, B. 4549
Banasik, L. 3532
Bancroft, M. N. 5712
Bandelow, W. 3281, 8875
Bando, H. 1934, 6355
Bandyukova, V. A. 6351, 6404, 6430-6431, 6511, 8293
Banerjee, A. 4279, 8210
Banerjee, N. 4683
Banerjee, S. 5608, 8230
Banerjee, T. 8274
Banerji, R. 1979, 2755, 4515
Bangal, D. B. 8337
Bangerth, F. 9455
Banholzer, G. 936
Banin, A. 2451-2452
Banks, A. G. 8347
Banks, N. H. 1594, 2212, 2214
Bannister, P. 1111
Bano, M. 9135
Bano, N. 1973, 5607
Bano, S. 1973, 3697, 5607
Bano, Z. 7082
Bansal, R. D. 9232
Banthorpe, D. V. 4496
Banzatto, D. A. 688
Baon, J. B. 9261, 9267
Bapat, V. A. 3642
Bar, R. 759
Bar-Tal, A. 3400, 4294
Bar-Yosef, B. 3400, 4294
Bar-Zakai, Y. 6479
Bar-Zakay, I. 6504
Barabal'chuk, K. A. 9798
Barabé, D. 9003
Barailla, R. 1654
Baraldi, G. 2186, 4933
Baraldi, R. 5025
Baranov, N. I. 6141
Baranova, S. V. 1899, 2023, 4505
Baranowski, J. D. 5536
Baranyai, M. 7844
Baratta, B. 8355
Barba, R. C. 6517
Barbakadze, G. I. 852, 9506
Barbarosh, M. N. 3194
Barber, J. 326, 7818
Barber, S. A. 1093
Barbera, G. 2872
Barberá, O. 1297, 6318
Barberán, F. A. T. 2010, 3611, 4616, 7256
Barbetti, P. 1978
Barbier, J. M. 1502, 9287
Barbieri, A. 4992
Barbieri, C. 7667
Barbieri, L. 2762
Barbieri, R. 8712
Barbin, D. 5874, 5889
Barbina, M. T. 6663
Barbosa, J. C. 1509, 2975
Barbosa, J. T. 687
Barbosa, W. 3141, 3143-3144, 3182, 4016, 4046, 4680, 8508
Barceló, J. 7800
Bardat, F. 1058, 3406
Barden, J. A. 1632, 2202, 3162, 8680, 8682
Bardet, A. 891, 5084, 5090, 5916
Bardon, E. 2213
Barendse, L. V. J. 7949
Barešová, H. 5594
Bargandzhiya, A. G. 8345
Barghchi, M. 2259
Bargioni, G. 4990, 4998, 5878
Bargutti, A. 8752, 8827, 8917, 9937, 9951
Bariaud, A. 9969
Barillère, J. M. 1654
Baritelle, J. L. 5712
Barker, A. V. 6127
Barker, P. B. 1889
Barker, W. G. 9815
Barker, W. R. 1136-1137
Barlow, P. W. 3006
Barna, K. C. 7441
Barnard, J. 4954
Barnes, H. W. 1893
Barnett, W. W. 5147
Barney, D. L. 9434
Baron, I. 8693
Baron, J. J. 9734
Barone, E. 860
Barone, G. 445
Baroni, G. 4990
Barooah, S. 5976
Barr, R. 1747
Barrante, A. 5767
Barreto, G. B. 2262
Barreto, J. F. 10226
Barrett, J. E. 2715, 4445, 6298, 7194, 8072
Barrett, M. L. 7267
Barría, J. A. 818
Barrientos P., F. 7074
Barrientos Pérez, F. 4995, 5095, 5098
Barrios, E. P. 6253
Barrios, E. P., Jr. 4418-4419
Barrios, L. 8159
Barros, C. B. 2778
Barros, I. B. I. de 6813
Barros, J. C. da S. M. 2864
Barrow, T. H. 2295, 7649
Barry, C. E., III 605
Barta, D. J. 8791
Bärtels, A. 2106
Barthe, P. 67
Bartholomew, B. 5486
Bartkowski, K. 363, 2423
Bartlett, D. I. 1756, 9778
Bartley, I. M. 1586, 3974
Bartolini, G. 3185, 4050, 5948
Bartoš, J. 2355, 5168, 5955, 6913, 7695
Bartošová, M. 5977
Bartz, J. A. 4308
Barua, B. 6882
Barua, G. C. S. 7441
Barua, J. N. 8153
Barua, N. C. 5602, 8153
Baruah, J. N. 3625
Baruah, P. J. 10127
Baruah, R. N. 1166, 1372, 1376, 3666, 8171, 9141, 10010
Baruah, S. 8432
Barz, W. 2793, 9311
Basak, A. 2238, 9408
Basappa, B. 4621
Basario, K. K. 3527
Başçetinçelik, A. 2137
Bascur B., G. 9698
Başer, K. H. C. 2009
Bashir, A. K. 1286, 3659, 4535, 4566
Bashir, S. El- 10128
Basiouny, F. M. 3150
Basker, D. 6232
Basky, Z. 6026
Basler, P. 165
Basnizki, Y. 7728
Bašović, M. 8619
Basra, A. S. 7996
Bassene, E. 573
Bassi, D. 5012
Bassi, P. K. 9647
Bassleer, R. 8296
Bassuk, N. 7228, 8058
Bassuk, N. L. 9648
Bassüner, R. 1015
Bastard-Malsot, M. 4577
Bastard, Y. 133
Bastart-Maslot, M. 4577
Bastelaere, H. Van 974, 8808
Bastida, J. 1285, 8163
Bastos, C. R. 3831
Bastos, J. A. M. 1386
Basu, P. S. 4243
Baszyńska, B. 9986
Batanouny, K. H. 5575
Batchelor, C. H. 5769-5770
Bates, R. B. 605
Batikov, S. G. 4960-4961, 5869, 6740
Batirov, E. Kh. 6406, 8243
Batista, M. A. 7425
Batkiewicz, R. 7484
Batkin, S. 3824
Batra, A. 1976, 4544
Batra, B. R. 5352
Batsurèn, D. 6400
Batten, D. 7369
Batten, D. J. 7368
Battey, N. H. 9814
Battistini, C. 5085
Battistini, M. 3147
Battle, A. 8039
Batyuk, V. S. 5579, 6353
Baubault, C. 9969
Bauch, W. 3254
Baudonnel, J. 1657
Bauer, E. 4041
Bauer, R. 9966
Bauers, B. M., Sr. 5492
Baum, D. 9585
Baumann, G. 8566
Baumann, T. W. 681, 4742
Baumes, R. L. 4133, 4136
Bausher, M. G. 5684, 5703, 9323
Baute, M. A. 7081
Baute, R. 7081
Bautista, I. 2847
Bautista, S. 4573
Bavappa, K. V. A. 3854, 9935, 9940
Bavaresco, L. 160, 180, 3241, 6825
Bavel, C. H. M. van 9030, 9341
Bawa, S. F. 7694
Bayart, J. D. 7779
Bayense, B. 9656
Baykal, T. 4976
Bayonove, C. L. 4133, 4136
Baysdorfer, C. 1681-1682
Baytop, A. 2798
Baz, A. G. I. O. 2248, 4014
Baz, I. O. 2610
Bazaillas, M. 6700
Bazak, H. 9576, 9578
Bazak, M. 2217
Bažant, Z. 5886
Bazzocchi, R. 4427, 9046
Bean, G. 3385
Beardsell, D. V. 8029, 8054
Beaton, C. 1844
Beattie, D. 3512, 9820
Beattie, R. 8426
Beaucorps, G. de 8489
Beaudry, R. M. 3176
Beaujard, F. 2683, 5489-5491, 8064
Beaumont, J. 8033, 9872
Beauregard Cruz, J. J. 10036
Beavers, J. B. 621
Bebea, P. 7834
Becchi, R. 8712
Becerra, J. 5972
Becerra Rodríguez, S. 5701, 7388
Becerril Román, A. E. 6544
Becerril Román, E. 5098
Becheanu, L. 7878
Beck, D. 7177
Becker, H. 606, 8123
Becker, N. 4101
Becker, R. 6590
Becker-Raterink, S. 6538
Becker, W. M. 277
Beckerson, D. W. 9744
Bedard, R. 8665
Bedford, D. S. 7636
Bedford, E. C. G. 2865
Bedford, G. O. 8388
Bedi, S. 5251
Bedi, S. J. 9158
Bedlan, G. 1095, 2465, 4166, 5985, 8840
Beecher, G. R. 402
Beede, R. 5065
Beede, R. H. 5148
Beek, T. A. van 3716, 5638, 8298
Beeke, H. 1576-1577
Beekhuizen, J. G. 7922
Beel, E. 2645, 2661, 7196, 9037, 9901
Beer, A. G. De 3846
Beer, J. 8392
Beers, E. H. 3108, 3955
Beese, F. 5311, 5315
Beever, D. J. 2500
Beg, M. F. A. 3708, 3729
Begemann, G. J. 4646
Beggs, C. J. 6053
Begum, F. 4500
Begum, M. 4472
Begum, R. 2629
Behairy, Z. H. 4607, 4682
Behar, I. 2006
Behboudian, M. H. 6471, 9518
Behl, R. 8957
Behor, V. 10054
Behrens, P. W. 949
Behrens, V. 6290, 9894
Beier, H. 9970
Beier, R. C. 5362, 9324
Bélanger, A. 3110, 3961
Belardini, M. 445
Belaryan, S. A. 1639
Belcheva, R. N. 3250
Belfort, C. C. 5975
Belgium, Centre de Recherches Agronomiques de l'État, Gembloux 742
Belgium, Comité voor Onderzoek op Groentegewassen 8452
Belgium, Onderzoek- en Voorlichtingscentrum voor Land- en Tuinbouw 8453-8454
Belgium, Provinciaal Tuinbouwcentrum te Overijse 989
Belgium, Rijksstation voor Sierplantenteelt 9083
Belić, M. 2149
Beligne, V. 9265
Belingheri, L. 5706
Belknap, W. R. 5191
Belkoura, M. 1946
Bell, D. S. 7587
Bell, J. M. 9093
Bell, J. P. 5769
Bell, L. C. 5269
Bell, N. 945
Bell, R. W. 7616
Bell, S. M. 8
Bellagha, S. 772
Bellakdar, J. 3636
Bellal, M. 4006
Bellamy, L. A. 3044
Belletti, P. 2652
Bellido, I. S. 1977, 2744
Belligno, A. 7341
Bellini, E. 1439, 3146, 4984-4985, 5001, 8587
Bello, L. 4624
Belmans, K. 123, 6764-6765
Beloqui, D. L. 5657
Beltran, A. 2454
Belyaeva, E. V. 1002
Belyĭ, M. B. 2758
Belyĭ, M. G. 6401
Belynskaya, E. V. 1116
Bemelmans, J. M. H. 5715
Ben Aicha 265
Ben Aicha, B. 5213, 6011
Ben-Arie, R. 2217, 4054, 9255, 10111
Ben-David, B. 7777
Ben-Dov, J. 3026
Ben-Gad, D. 7977

Ben, J. 8552
Ben-Jaacov, J. 2659, 7216
Ben-Tal, Y. 10085
Ben-Yehoshua, S. 3758, 4664
Ben-Yephet, Y. 9651
Bénard, G. 4729
Benard, P. 1654
Benbadis, A. 6672
Benda, G. T. A. 10211
Bendall, D. S. 323, 331
Bender, J. 4456
Bene, G. del 2580
Benedi, J. 8197
Benedict, C. R. 2055
Benedycka, Z. 3328
Beneš, I. 1999
Benetka, V. 1873
Benfatto, D. 10080-10081
Bengtsson, A. 4253
Benidze, M. M. 2667
Benigno, D. A. 6860
Benjamin, L. R. 945
Benjamin, N. D. 10096
Benjamin, P. K. 3702
Benk, E. 8371
Benkenstein, H. 1162
Benne, R. 5162
Bennet, J. F. 4805
Bennett, A. B. 9220
Bennett, C. P. A. 3621
Bennett, J. H. 6226
Bennett, L. K. 9928
Bennett, M. H. 8594-8595
Bennett, R. A. 8005, 8012
Bennett, R. D. 9238
Bennett, W. 7190
Bennici, A. 2620
Benninga, W. 2982
Benoit, F. 237, 403, 957, 970-971, 1690, 1695, 5827, 5958, 6120, 6907, 6940, 7064, 7731, 7877, 8728, 8743, 8788, 8800, 8951, 9746
Benoit, L. F. 5989
Benson, B. L. 7826, 9726
Benson, D. M. 2695-2696
Bentini, M. 6115
Bentley, M. D. 3656
Benveniste, I. 2376, 5198
Benzioni, A. 2020, 4602, 10040-10042
Benzo, Z. 3920
Bequette, B. L. 2654
Berar, V. 7706, 7737
Bérard, L. S. 2397, 2404
Berashvili, D. T. 8306
Berbel, M. 7479
Bereśniewicz, A. 31
Berestetskaya, T. B. 1133
Beretz, A. 1357
Bereza, B. 9714
Berezhevskaya, L. I. 5625, 6421
Berezovskaya, T. P. 2802, 8126, 8185
Berg, M. E. van den 8461
Berg, S. van de 9039
Berg, T. van den 5504
Berg, V. S. 3605
Berg, Z. 7728
Bergamin, F. N. 5757
Bergamini, A. 5033
Bergenthal, D. 2812
Berger, A. 5009
Berger, M. G. 8036
Berger, R. G. 8497
Bergersen, F. J. 4154
Bergfeld, R. 2729
Bergh, B. O. 2831
Bergh, O. 2196-2197
Berghoef, J. 7974
Bergman, B. 1897
Bergman, E. L. 6919
Bergmann, H. 8870
Bergmann, M. A. 4126
Bergna, D. A. 920
Bergonia, E. A. 8429
Bergougnoux, F. 7464
Beringer, H. 8485
Berkholst, C. E. M. 5511, 8090
Berkowitz, G. A. 227, 3968
Berlage, A. G. 8744
Berlin, J. 1135, 2771, 9970
Berlinger, M. J. 4321
Bernal, J. M. 7338
Bernard, A. C. 9580, 9597
Bernard, R. 4097, 5927
Bernard, R. A. 272
Bernardini, D. 5092
Bernáth, J. 8225
Bernhard, R. 9523
Bernier, G. 1898, 9939
Berninger, R. W. 2067
Bernos, C. M. 1502
Berrada, M. 3636
Berro, A. 9682
Berry, J. A. 2468
Berry, J. W. 6949
Berry, S. Z. 8912
Berry, W. L. 1187
Bershak, G. T. 9697
Bertaux, F. 4165
Bertelsen, H. 317
Berthet, P. 7088
Berthoumieu, J. F. 5898, 7585
Bertl, A. 9326
Bertolacci, M. 3898, 3900
Bertolini, P. 6665
Bertolo, G. 5279
Berüter, J. 1579, 1587
Beruto, M. 1191
Bes, S. S. de 244
Besford, R. T. 377, 4325, 9683
Beskaravaĭnaya, M. A. 4463
Bessho, H. 3089-3090
Bessière, J. M. 516, 3720
Bessonov, B. I. 1355
Bessonova, I. A. 6405, 8246
Beste, C. E. 6090
Betancourt, C. Noda 7429
Bettolo, G. B. M. 1300, 6448
Beuscher, N. 1306
Bevalot, F. 1379
Beverly, R. B. 2382, 6927
Bevington, K. 1407
Bevington, K. B. 3754, 7351
Bewley, J. D. 3353, 5270, 7794
Beyer, E. 9415
Beyrle, H. 4429
Beznea, D. 9567
Bezzi, A. 2735
Bhagavan, S. 4712, 4714
Bhale, M. S. 2032
Bhalerao, H. M. M. 1448
Bhalerao, S. S. 2480
Bhambie, S. 6161
Bhan, M. K. 8226
Bhan, V. M. 6961, 7862
Bhandal, I. S. 4340
Bhandari, M. M. 5570
Bhandari, V. K. 530, 1268
Bhapkar, D. G. 8337
Bhardwaj, B. S. 943
Bhardwaj, S. 6994
Bhardwaj, S. D. 504, 522
Bhardwaj, S. S. 319
Bhargava, S. N. 665
Bhargava, Y. R. 5396
Bhat, B. N. 2504
Bhat, K. K. 8627
Bhat, S. R. 10188
Bhati, G. N. 7362
Bhatnagar, D. K. 5352
Bhatt, P. N. 8288
Bhatt, R. K. 8304
Bhattacharjee, N. R. 4485
Bhattacharjee, S. K. 436, 6296, 8133-8134, 9197
Bhattacharya, D. 1309
Bhattacharyya, A. 1278, 3672, 5566
Bhattacharyya, J. 2778, 4581, 9974
Bhattacharyya, L. 10005
Bhattacharyya, P. 4574, 8887
Bhattacharyya, P. R. 8153
Bhattacharyya, R. K. 2071, 4767, 10121
Bhatti, D. S. 8939
Bhawaria, D. S. 4476
Bhella, H. S. 3341, 5246-5247
Bhivare, V. N. 2464
Bhonde, S. R. 5178
Bhosle, R. J. 4785
Bhowmik, P. C. 1171, 1179
Bhullar, J. S. 5154
Bhushnurmath, S. R. 3724
Bhutani, K. K. 1130, 1375
Bialek, K. 8862
Bianchi, A. 1266
Bianchini, C. 5394
Bianco, A. 4543, 8181, 9186
Bianco, V. V. 1030, 1097
Biasi, J. 213
Biasi, R. 4427, 4846, 9461
Biberson, O. 4727
Bicchi, C. 510, 7677
Bichler, I. 7113
Bicknell, R. A. 7128
Bidanenko, L. I. 6683
Bidari, V. B. 2504
Biddappa, C. C. 2908-2910, 3796
Biddington, N. 6051
Biddington, N. L. 1660, 3896, 4178, 6158
Bidgire, U. S. 3614
Bidin, A. A. 1093
Bieber, L. W. 6409
Bielak, B. 784
Bielau, R. 5233
Bieleski, R. L. 3983
Bielorai, H. 2049, 5678-5679, 10070-10071
Bielska, E. 9013
Bienfait, H. F. 4210-4211
Bierhorst, D. W. 461
Biermann, W. 8985
Biesboer, D. D. 8186
Biesheuvel, A. 6908
Biesheuvel, A. R. 9640
Bigelli, G. 5207-5208, 5214
Biggs, A. R. 110, 5020, 9494
Biggs, T. 4837
Bignami, C. 5516
Bigot, C. 4433
Bigot, J. 290, 3358
Bilbao, A. 997
Billau, W. 2498
Billot, J. 236
Bīlyavs'ka, N. O. 5299
Bilz, D. 2594
Bindra, A. S. 177
Binet, P. 290, 3358
Bing, A. 6174
Bingham, S. W. 1174, 2634
Bini, G. 5122, 8354
Bino, R. J. 423, 7119
Biondi, S. 7726
Biratti, Y. 8825
Birch, N. 1926
Birnbaum, E. 1743
Biro, R. L. 2487
Bishop, D. G. 6857, 9371
Bisht, J. C. 1908
Bisht, S. S. 6920
Bisiach, M. 5938, 8710
Bisset, N. G. 4533
Bist, L. D. 7409
Biswas, J. 5438
Biswas, M. 4720
Bithell, H. 7864
Biton, S. 10095
Bitran, E. A. 616, 686
Bitters, W. P. 3735
Bitton, S. 4302, 9651
Bivol, T. F. 4041
Bkhushan, R. 6411
Blaak, G. 5788
Blaakmeer, J. 9361
Blaauw-Jansen, G. 7734
Black, C. C., Jr. 7821
Black, M. 1718, 3347
Black, M. 7455
Black, R. 6859
Blaga, G. 531
Blahovec, J. 934
Blaich, R. 2325
Blain, A. Q. M. 6283
Blair, A. D. 3780
Blaj, O. 1010
Blakely, L. M. 5228
Blakely, R. M. 5228
Blamey, F. P. C. 8419
Blanc, D. 6176
Blanc, R. 6714
Blanchet, P. 1625-1626, 5898, 7585
Blanco, A. 5010
Blanco, H. G. 1509, 2919, 2975, 2977
Blank, E. I. 3431
Blank, R. H. 7587-7588
Blanke, M. M. 3967
Blankenship, S. M. 9512
Blanpied, G. D. 2209
Blaschek, W. 5427
Blaschke, G. 2596
Bläsing, D. 7619
Blattný, C. 4967
Blaylock, A. D. 9752
Blažek, J. 3985, 7507
Bleck, M. B. 1826
Blessington, T. M. 2654
Bleyaert, P. 8453
Blinovskiĭ, I. K. 2171, 2179
Blizzard, S. H. 91, 820, 6724
Blom, Th. J. 3046
Blomme, R. 1788, 2682, 9062, 9100
Blommers, L. H. M. 3956
Blondel, L. 5669, 8325-8326, 10062
Blumenfeld, A. 2036-2037, 6509, 7316, 8318, 10050-10051, 10054
Blumenfeld, T. 8827, 8917
Blumwald, E. 5184, 6878
Blunden, C. A. 5044
Blunden, E. A. G. 318
Blythe, G. 6289
Boada, J. 3687, 9185
Boardman, P. 1289
Boaretto, A. E. 3433, 3435
Boast, M. M. 3847, 3851
Bobichon, H. 4422
Bobro, M. A. 7813
Bochoradze, M. Sh. 6495
Bockstaele, L. 8453-8454
Bodhade, S. N. 7838
Bodo, B. 2004
Bodson, M. 1255, 9939
Bodyfelt, F. W. 3876
Boelens, M. H. 2743
Boer, G. J. de 976
Boerner, F. 3863
Boertje, G. A. 8822
Bogdán, I. 4169
Bogle, C. R. 6939
Bognár, J. 7123
Bognár, S. 6844
Bogunović, M. 8685
Bogushyavichyute, A. R. 9904
Boguslavskaya, L. I. 6408, 6434
Bohling, H. 2215
Bohlmann, F. 590, 1166, 1372, 1376, 3666, 3712, 8171, 8230, 8247-8248, 8261, 9141, 10010
Bohm, B. A. 9001
Böhme, G. A. 8196
Böhme, M. 359, 5334
Böhmer, P. 4839
Boïcheva, R. 9543
Boidron, R. 4117
Boĭko, E. V. 6360
Boĭmatov, T. E. 7527
Boissya, C. L. 9197
Bojappa, K. M. 3451
Bojarczuk, K. 3578
Bojarczuk, T. 2672, 2677
Bojić, M. 9544
Bojtschewa, R. 9543
Bokareva, L. I. 9942
Bokić, Z. 2244
Boland, R. L. 6964
Boldyrev, M. I. 1276
Boll, P. M. 1199, 3069, 3563
Boller, E. 169

Boller, T. 5347
Bollinger, W. H. 9932
Bollini, R. 1027, 2471
Bolt, L. C. 3178
Bolton, J. A. 4457
Bompeix, G. 3975, 6728
Bonanad, M. A. 3643
Bonari, E. 5574
Bond, W. 4139-4141
Bondar', V. A. 5813
Bondarenko, L. D. 2390
Bondarenko, S. G. 6828
Bondarenko, S. P. 5813
Bondarenko, V. G. 6426
Bondari, K. 1612
Bondok, A. S. 4678
Bondok, A. Z. 4032-4033, 4607
Bonefeld, M. 6394
Bones, A. 9665
Bongi, G. 10104-10105
Bongi, O. 10107
Bonilla, I. 7036
Bonjour, E. L. 9687
Bonneau, X. 9265
Bonnemain, J.-L. 309, 2941, 5281
Bonnet, J. C. 4164
Bonnet, P. 9330
Bonnin, E. 3266
Bonnyai, J. 8982
Bonomo, R. 9422, 9458, 9464
Bonora, A. 1288
Bonvalet, A. 6654, 8496
Boodt, M. de 6905
Boom, B. M. 2797
Boon, J. van der 410, 1157, 1772, 1862, 6292, 8794
Boontjes, J. 1156
Boonton, P. 1325
Boos, G. V. 5996
Bootsma, J. H. 801, 9379
Booy, R. 9660
Booze-Daniels, J. N. 432, 8997
Bopaiah, M. G. 3813
Borah, U. C. 3625
Borazjani, A. 1618
Bordas, E. 2345
Borden, J. H. 3456
Borden, P. 5459
Bordoloi, D. N. 3625, 4528, 8153
Bordoloi, M. 5602
Bordoni, C. 1653
Bordonneau, M. 7165
Borecka, H. W. 7633
Borg, H. H. van der 9305
Borg-Karlson, A. K. 7179
Borges del Castillo, J. 1287, 5648, 10028
Borgic, D. M. 121, 8607
Borgman, C. A. 8635
Borgo, M. 161, 3225, 3234
Borgo, R. 4017
Bori, O. H. 991
Borisenko, V. 5731
Borisova, A. A. 797
Borka, Gy. 6071
Borkowska, B. 2231, 4973, 9478
Borkowski, J. 370, 3437
Borle, M. N. 7838
Börner, T. 2591
Borochov, A. 1767, 7918
Boronina, T. T. 7769
Borošić, J. 6897
Borovic, I. 5179
Borraccino, G. 5151
Borrebaeck, C. A. K. 6055
Borrelli, A. 2512
Borst, W. 5526
Bortoletto, N. 4206
Borys, M. W. 130, 4905
Borzini, G. 9587
Borzykh, G. T. 1276
Bos, A. L. v. d. 8831
Bos, A. L. van de 9845
Bos, R. 2746, 3682, 4495, 6443
Bosch, S. E. 1729
Boscheri, S. 5858, 9443, 9446
Boschi, A. 5933
Boscia, D. 9602
Bose, S. 4720
Bose, T. K. 268, 3542, 5169, 5172
Boselli, M. 180, 6825
Boshwitz, Y. 9012
Bošković, I. 9542, 9545
Bošković, R. 4044
Bost, L. 7987-7988
Bostanian, N. J. 3110, 3880, 3961
Bosticardo, V. 8711
Boswell, S. B. 2831
Bot, G. P. A. 4854, 9341
Botanical Society of America 2112
Botelho, P. S. M. 2986-2987
Botella, J. R. 6135
Botez, C. 10006
Botez, M. 6817, 7611
Both, G. de 6170
Botha, F. C. 5234
Botta, B. 4583, 6448
Bottecelli, C. 6722
Bottin, H. 326
Bottini, A. T. 2742
Bottini, G. A. de 7698
Bottini, R. 7698
Bouab, N. 7337
Bouabdallah, L. 6019
Bouard, J. 900
Boubals, D. 1636, 5926, 6821
Bouchet, P. 4422
Boudet, A. M. 4531
Boudreaux, J. E. 5057, 9486
Boulay, H. 6827
Boulter, D. 4255
Bouquant, J. 2774
Bourgeois, M. 3064
Boursiquot, J. M. 5919
Bousquet, E. 5705
Boutboul, H. 4035
Boutros, O. W. 4872
Bouyssou, H. 4531
Bovi, V. 3831
Bovio, M. 5951
Bøvre, O. 9113-9114
Bowden, A. 5372
Bowen, I. H. 3670, 3719
Bowen, P. A. 9693
Bower, J. P. 2836
Bower, N. W. 2127
Bowers, K. W. 1646
Bowers, S. V. 8601
Bowers, W. S. 736
Bowman, M. 8547
Bown, A. W. 3559
Boyce, B. R. 7641-7642, 8667, 8683
Boyer, C. D. 8336
Boyer, J. S. 2474, 4240
Boyer, R. F. 7078
Boylan, M. 2469
Boyle, T. H. 6230
Brachet, J. 6389
Bračković, B. 2244
Braconnier, S. 1494, 6550
Bradbury, M. 9721
Bradford, K. J. 4161
Bradley, F. M. 5341
Bradt, O. A. 5132
Brady, A. 4802, 5796
Brady, U. E. 4128
Braell, P. A. 4954
Braga, J. M. 6046, 9696
Braga, R. L. C., Jr. 6237
Brahmchari, V. S. 4288
Braithwaite, P. 3850
Bralts, V. F. 106, 4971
Bramlage, W. J. 2162, 3127, 6144, 9472
Branch, P. C. 1768
Branch, S. A. 4496
Branchard, M. 6019
Branco, L. 4109
Brandham, P. E. 2628
Brandis, A. von 931
Branson, R. L. 7094
Brar, W. S. 3757, 4022
Brasch, D. J. 1236
Brasseur, T. 3714
Bratoeff, E. A. 10036
Brauen, S. E. 8010, 8016
Braun, J. 5863
Braun, J. W. 8637, 8672
Braun, M. 1062
Braune, W. 5429
Bräutigam, M. 1354
Bravdo, B. A. 873
Brawner, O. L. 6483
Bray, D. H. 1289
Braz, B. A. 2965, 2968
Braz Filho, R. 10011
Brazil, Centro Nacional de Pesquisa de Mandioca e Fruticultura 743
Brazil, Empresa Catarinense de Pesquisa Agropecuária 2121
Brazil, Empresa de Pesquisa Agropecuária de Minas Gerais 6610
Brazil, Instituto Agronômico de Campinas 3142, 7567-7568, 7662, 7835, 7858, 8362, 8381
Brearley, C. 1809
Brecht, J. K. 7049
Brede, A. D. 4411
Bredenbeck, H. 3051
Bredholt, S. 8953
Bredmose, N. 7133
Breedveld, L. 284
Breen, P. J. 865, 1635, 5915, 8638, 9018, 9840
Brehmer, M. 7945
Breininger, M. T. 3242
Bremer, H. 819
Brenk, G. van 7147-7148
Brennan, E. 489
Brenner, M. L. 484
Brereton, J. L. 315
Breslauer, L. 1878
Bressan, R. A. 6134
Breton, J. 3687
Breton, J. L. 9185
Bretones, F. 3065
Breuch-Moritz, M. 310
Breuer, J. J. 3063
Breuils, L. 3132
Brewer, H. L. 9331
Brewer, L. R. 880-882
Brewster, J. L. 8757-8760
Briciu, L. 9487
Brickell, C. 8437
Brickell, C. D. 6635
Bricknell, C. D. 4802, 5796
Bridgen, M. P. 3489, 7153
Bridle, P. 7684
Briel, W. van den 4210
Brien, C. J. 5126
Briggs, W. R. 1003, 4270
Brighenti, G. 5012
Brightman, A. 9635
Brignani Neto, F. 1120
Briguglio, F. 1333, 8212-8213
Brimacombe, J. 9967
Brinholi, O. 2964-2965, 3831
Brio, Y. 873
Briones, G. 5016
Brisa, M. C. 9174
Briscoe, M. R. 6780
Brits, G. J. 9926
Britton, J. A. 105
Britton, K. O. 9438
Brkić, D. 5146
Broadbent, P. 7315
Brocchi, G. 9826
Brocklehurst, P. A. 6867
Brodelius, P. 4832
Broek, G. J. van der 7097
Broekhuysen, A. G. M. 3587, 8091-8092
Bromley, J.-L. 8755
Brook, R. 4836
Brooks, A. 9630
Brooks, C. A. 962
Brooks, C. K. 6722
Brooks, J. L. 5350
Brophy, J. J. 5542, 6333, 8553
Broquedis, M. 900
Broschat, T. K. 428-429, 2642
Brosh, P. 10086
Brosh, S. 9012, 9064, 9907
Brouard, J.-P. 3480
Broucke, C. O. Van Den 3718
Brouers, M. 9713
Brough, D. W. 3112
Brouwer, P. 5235, 5340
Brouwer, R. L. 5638, 8298
Brown, A. C., Jr. 278
Brown, A. N. F. 2762
Brown, B. H. 5297
Brown, B. I. 1447, 8370, 10157, 10169, 10173
Brown, B. P. 5395
Brown, C. S. 72-73
Brown, E. A., II 9438
Brown, E. G. 5277, 7740
Brown, E. M. 8531
Brown, G. E. 1427, 6489
Brown, G. K. 50-52, 7549, 8543
Brown, H. E. 4782
Brown, J. C. 369, 9704
Brown, J. H. 5385
Brown, J. T. 8142
Brown, L. R. 9097
Brown, M. H. 8062
Brown, M. J. 1723
Brown Manrique, O. 6473-6474
Brown, N. S. 2842, 9222
Brown, P. 8159
Browne, K. M. 7056
Brownell, J. R. 29
Browner, C. H. 4536
Browning, G. 9509
Browse, J. 3891
Browse, P. M. 9080
Bruck, D. K. 640, 2875
Brückner, U. 5355-5356
Bruin, G. 6859
Bruin, M. de 2540, 4327, 8940
Bruins, A. P. 2746, 3682
Bruinsma, J. 9672
Brulfert, A. 4238
Brulfert, J. 4414
Brum-Bousquet, M. 3709
Brum, M. 2049, 10070
Brummell, D. A. 338, 4200
Brummett, D. L. 9324
Brun, C. A. 3169-3170
Brun, R. 3043, 5957, 7039
Brundrett, E. 9362
Bruneau de Miré, P. 8394
Brunelli, A. 5042
Bruneton, J. 5609, 8260, 9157
Bruni, A. 1288
Brunner, T. 800, 9418
Brunnert, H. 7890
Bruno, M. 3608, 4591
Bruno, S. 551, 4395
Brunold, C. 1044
Bruns, G. W. 3053, 7486
Bruton, B. D. 3331
Bruyant, P. 8815
Bruyns, P. 9051
Bruzau, F. 6070
Bryan, H. H. 2505, 2514, 4308
Bryant, J. A. 3864
Brzeski, M. W. 261
Brzesowsky, W. J. 4781, 6570, 8418
Buadze, O. A. 5944
Buana, L. 3732, 4725, 6454
Bubenchikova, V. N. 8205
Bübl, W. 3242
Bublitz, F. 7868
Buchanan, B. 5357
Buchanan, B. B. 1659
Buchenauer, H. 5099
Bucher, D. 1640
Buchheim, G. 733
Buchloh, G. 406, 615, 2498
Buchmann, S. L. 609
Buchta, I. 1349
Buckley, W. R. 6631, 6702
Bucks, D. A. 610, 3728, 5131, 5650-5652

Bucsbaum, H. 8827, 9937, 9951
Buczek, J. 994
Budagovskaya, O. N. 6676
Budai, C. 2347
Budĕšinský, M. 9370
Budgen, N. 7481
Budhiraja, R. D. 8309-8310
Budtueva, T. I. 9126
Budykina, N. P. 2523
Budzynski, J. W. 7670
Bueno, A. Montiel 3773
Buerstell, H. W. 2096
Buffa, M. 5583
Bufler, G. 4945, 7907, 8554
Bufton, L. P. 961
Bugała, W. 2672, 2677
Bugarčić, V. 4048, 8623
Bugbee, G. J. 5370
Bühl, R. 6662, 6855
Buhler, D. R. 1996
Buis, H. C. E. M. 8096
Buisman, J. 5507
Buisson, D. 10114
Buitelaar, K. 390, 6934, 8795, 9737, 9745, 9762
Buitrago de Serna, H. L. 678
Buitrago, R. 8159
Bujanos Muñiz, R. 6996
Bujdosó, G. 1750, 2553
Bujtás, G. 5628
Bukarchuk, V. F. 89
Bukartschuk, V. F. 89
Bukiya, Z. M. 4655
Bukovac, M. J. 4000, 9381
Bulard, C. 67-68, 293, 7512
Bulatova, N. V. 6390
Bulcke, R. 78, 137, 145, 216, 234, 246, 251, 264, 397, 413, 470, 1017, 4912, 5240, 5374, 7701, 7730, 7743, 7751, 7799, 7879
Bulisani, E. A. 4206
Bulletin d'Information du CEMAGREF 839, 9553
Bulyáki, M. 5628
Bulychev, A. A. 9883
Bulzan, M. 7878
Bulzan, P. 7733
Bünemann, G. 1211
Bunn, R. 5814
Bunney, F. M. G. 9340
Bunt, A. C. 1800, 6248
Bunu, V. A. 3160
Bunyapraphatsara, N. 1980
Buragohain, R. 10126
Buranaviriyakul, S. 6859
Burch, D. 2673
Burdon, J. N. 5901
Burdzhandaze, M. B. 4120
Bureau, J. L. 3919
Bureau, J. M. 7924
Burg, S. P. 3758
Burger, D. W. 1246, 4654, 5700, 6465, 7664
Burger, L. 9800
Burger, Y. 1007-1008, 2412, 3335, 4186
Burgess, A. L. 2648
Burgess, D. H. 106
Burghardt, H. 7691, 9897
Burgio, S. 6478
Burgstaller, H. 1062
Burgueño-Camacho, J. 7394
Burgutin, A. B. 909
Burke, B. 7295
Burkhardt, G. 8123
Burkhart, D. J. 116
Burkill, H. M. 4795
Burloi, N. 5023
Burnasheva, N. A. 7573
Burnett, J. J. 917
Burns, I. G. 5201-5202
Búrquez, A. 6225
Burr, K. 2647
Burr, T. J. 6841
Burrows, D. 2362
Burton, C. L. 50, 7549
Burton, G. 561, 1293
Burton, K. S. 7080
Burtov, O. A. 154
Burts, E. C. 4028
Burzo, I. 7933
Busawon, M. A. 7230
Buscaroli, C. 4898
Busch, R. L. 5335
Buschi, C. A. 5576
Buschmann, C. 9670
Busey, P. 3544
Bush, D. R. 5358, 9768
Bushway, R. J. 3919, 7496
Busold, M. 3495
Buss, D. A. 4227
Bussell, W. T. 2391, 3391, 4281, 4284
Bussi, C. 1613, 6749, 8593
Bustamante Orañegui, F. 130
Buszard, D. J. I. 7603
But, P. P. H. 1342
Buta, J. G. 1170, 6694, 7472
Butcher, R. D. 7816
Butcher, R. E. 6972
Butcher, S. M. 7222
Butenko, R. G. 162, 909
Butler, H. A. 8757-8759
Butler, W. L. 5189
Butnaru, H. 7483
Butrimova, L. V. 1152
Butt, L. 1231
Butt, V. S. 3316
Buttenschon, H. 933
Butts, R. M. 4954
Buwalda, J. G. 954, 7696-7697
Buyck, L. F. De 4499
Buys, C. H. C. M. 3893
Buzuk, G. N. 9145
Byambasurèn, S. 9973
Bychkov, V. V. 3082
Bydder, E. L. 751
Bye, R. A., Jr. 3873, 3889, 5572
Byers, R. E. 111, 1575, 2202, 3162, 4021
Byrde, R. J. W. 9441
Byrne, K. P. 5723
Byrne, T. G. 7111, 8999
Bystrova, E. I. 7789
Bytnerowicz, A. 8853
Byun, G. L. 5366
Byun, J. K. 812, 1016, 3105, 5275, 8852
Byun, M. S. 5383
Byun, M. W. 6861
Bziava, R. M. 2739
Cabala-Rosand, P. 2076, 4774
Cabalion, P. 5609
Caballero, A. 7479-7480
Caballero Ruano, M. 7997
Caballero, S. 4627-4628, 4634, 4744
Cabdulraxmaan, A. 599
Cabibel, B. 9416
Cabitza, F. 4191
Cabo, J. 7245, 8147
Cabo, M. M. 8147
Cabot Roig, P. 9794-9796, 9816
Cabral Neto, J. B. 5562
Cabrera, N. 10198, 10201-10202
Caccamisi, D. 3134
Caccia, R. 2318
Cáceres, I. 7387
Cachard, M. de 9338
Cacioppo, O. 4053
Cadahia, C. 7022
Cadahia, E. 3727
Cadavid, I. 8295
Cadet, P. 2985, 6578
Caetano, A. A. 7326
Caffarelli, V. 5942
Cagnard, J. 6759
Cahuzac, Y. 4862
Cai, J. 1229
Cai, K. 9611
Cai, M. Y. 1229
Cai, T. 344
Cain, D. W. 1610
Cairol, D. 1655, 7689
Calabrese, F. 3742
Calabrese, M. 9533
Calabretta, C. 2346, 6208, 6481-6482, 8981
Caldas, R. C. 642
Calderón, J. Nieto 9586
Calderón, J. S. 591, 1339, 4573
Çaldumbide, C. 2588
Caldwell, D. L. 3157
Caldwell, J. B. 3384
Caldwell, K. I. 3387
Caldwell, M. M. 8027
Calero, A. 7954, 8000
Calkin, H. W. 9048
Callan, N. W. 5870, 5872
Callebaut, F. 6905
Callebaut, M. 1074
Calleja, J. M. 8295
Callesen, O. 5851
Calus, A. 7064
Calvar, D. J. 1012-1013, 1070
Calvert, D. V. 8331
Calvez, C. 4727
Calvo, R. 9272
Camacho, S. 1443
Camara, B. 1058, 2507, 3406, 5317, 8898
Camargo, A. P. de 2081
Camargo, M. B. P. de 2988
Camargo, P. N. de 2966-2967
Camarillo S., B. 7073
Cambrony, H. R. 10134
Camejo, B. 4766
Camejo, T. B. 1498
Camerlynck, R. 6945
Cameron, A. C. 7944
Cameron, J. S. 886, 8658, 8684
Cameron, J. W. 4625, 8328
Cameron, T. S. 7264
Camorani, F. 9458
Campacci, C. A. 9233
Campbell, A. 5999
Campbell, A. I. 8442
Campbell, C. A. M. 5829
Campbell, C. S. 3187, 7121
Campbell, C. W. 697, 3777, 3860, 6515
Campbell, D. E. 4869, 5342
Campbell, D. T. 859, 9766
Campbell, R. N. 976-977
Campbell, R. W. 5459, 7134
Campbell, T. P. 3798
Campbell, W. F. 2449, 7796
Campiotti, C. A. 4861, 5326, 9365
Campo Dall'Orto, F. A. 8508
Campos, A. 10060
Campos, H. 6237
Campos, H. de 2987, 3829
Campos, J. A. 6059
Campos, M. A. P. 5322
Canada, Agriculture Canada, Research Branch 4818
Canada, Alberta Horticultural Research Center 6611, 9313
Canada, D. C. 6960
Canada, Nova Scotia, Kentville Research Station 3881
Canada, Prairie Farm Rehabilitation Administration 6612
Canada, Simcoe Horticultural Experiment Station, Ontario 11
Canaway, P. M. 8003, 8005, 8012
Canbaş, A. 2554
Candela, M. E. 6095, 7841
Candilo, M. di 6110, 6142
Cannell, M. G. R. 3016, 4909
Cano, G. 1985
Cánovas, F. M. 6135
Cantelo, W. W. 4323
Cantwell, G. E. 4323
Canvin, D. T. 2374
Canzi, L. 3037
Cao, J. H. 2012
Cao, Q. L. 8515
Cao, S. D. 6341
Cao, X. Y. 1648
Cao, Z. X. 415
Capanni, A. 5085-5086
Capar, S. G. 3266
Caporale, G. 6422
Caporn, S. J. M. 6914
Cappelleri, G. 155
Cappelletti, E. M. 6422
Cappellini, P. 3153
Cappellini, R. A. 7742
Capuana, M. 5122
Caraballo, E. 6871, 8754
Caramori, P. H. 4737, 5746
Carbonell, J. A. 3738
Carbonell Roura, A. 9794-9796, 9816
Carbonneau, A. 1647, 3227, 4112, 4882, 7674
Carde, J. P. 9945
Cardellina, J. H., II 5613
Cárdenas Chávez, I. 6989
Cardenas, J. 3761, 9241
Cárdenas Valdovinos, J. M. 6858
Carderán, J. O. 7427, 7432
Cardi, T. 1067
Cardoso, M. 2954
Cardoso, R. M. G. 1120
Cárean, V. 534, 10006
Carelli, M. L. C. 2461
Carey, E. E. 209, 3348
Carey, P. L. 2296
Carini, M. 1858
Carlberg, I. 400
Carles, L. 94, 183, 778, 1595, 3753, 3999, 4004-4005
Carletti, M. G. 7027
Carlile, W. R. 9016
Carlisi, J. A. 7186
Carlo, C. 4390
Carlos Filho, F. 7435, 9291
Carlson, R. F. 7513
Carlson, R. M. 2263, 4050
Carlson, W. H. 5401
Carlton, C. C. 105
Carman, E. 7204
Carmi, A. 9708
Carmona, M. J. 7712
Carmori, P. H. 9268
Carnegie, A. J. M. 3843
Caro, M. 7030, 7034
Carpena Artes, O. 5830
Carpena, O. 58, 4132, 7029, 7038
Carpena Ruiz, R. O. 7037
Carpenter, A. J. 2336, 2899
Carpenter, P. L. 474, 2679
Carpio, N. 7774
Carr, D. J. 3006
Carr, L. 8005
Carr, M. E. 4610
Carrasco, O. 758, 3038
Carrera, N. 6540
Carrillo V., P. 3830
Carrow, R. N. 1820-1821
Carruzo, A. 6656
Carson, T. L. 3735-3736
Carta, C. 6894
Carter, A. S. 1763
Carter, C. E. 704
Carter, M. V. 2226, 4835
Carter, N. S. 5483
Carter, R. D. 1427
Cartia, G. 5338, 8490, 8936
Cartt, S. 9947
Caruso, T. 860, 3742, 8355
Carvalho, J. G. 6537
Carvalho, V. R. de 4581
Carver, M. 6903
Casada, J. H. 150
Casado, M. 1392
Casagrande, A. A. 6567
Casagrande, E. J. 5757
Casal, A. 843
Casals, C. 4748
Casanova, A. 6058
Casanova, R. 82
Casanovas, H. 10197, 10199
Casao, H. T. 9604
Casarini, B. 6142
Casarotti, D. 5096, 7114
Casas, A. 5713

Casas M., H. 3776
Casassas, E. 8496
Cascarini de Torre, L. E. 2716
Caselles, M. J. 7029
Casero, P. J. 5181, 7711
Casey, M. L. 6203
Caspar, T. 8778
Cassady, J. M. 8161
Cassagne, C. 3278
Cassagnes, P. 6700
Cassells, A. C. 1796
Cassidy, D. S. M. 2915
Cassino, A. A. 920
Castagneto, M. 2321
Castagnoli, M. 5884
Castañe, C. 2345
Castel, J. R. 2847
Castelfranco, P. A. 1709-1710
Castellanos Linares, J. J. 394
Castelli, S. 191, 5149
Castello, J. D. 9079
Casteran, P. 7674
Castilla, N. 3065
Castillo, M. 596
Castle, W. S. 2860, 3754, 7351
Castorinis, A. 9712
Castrignanò, A. M. 4847
Castro, A. L. 1419
Castro, F. de A. 5759
Castro, H. 1089
Castro, H. R. 818
Castro, J. L. de 3143, 4206, 8508
Castro Júnior, R. R. de 652
Castro, L. H. S. M. de 2461-2462, 2954
Castro-López, T. 1428, 4667
Castro, P. R. C. 6123, 6535, 6567
Castro, V. 592, 8230, 8261
Catalano, F. 5897
Cate, A. J Udink ten 4854
Cattâneo, S. L. F. 2918
Cattell, K. J. 8873
Cattena, H. 4017
Cauwet-Marc, A.-M. 3565
Cava, S. 7668
Cavaletto, R. A. 774
Cavalloro, R. 4806
Cavazza, D. 3899
Cavé, A. 1331, 4549
Cave, A. 2798
Caveness, F. E. 3359
Cawthon, D. L. 144, 8645
Cazenave, J.-P. 1357
Ceausescu, I. 4908
Ceauşescu, M. E. 9487
Ceccarelli, N. 5259, 9464
Cecil, S. R. 2909
Cedeño, J. 8159
Celik, H. 9299
Celik, M. 9299
Čellárová, E. 10014
Celli, G. 8712
Ceng, F. L. 1591
Čepička, J. 3942
Ceponis, M. J. 7742, 8651
Cerdá, A. 7030
Cerda, A. 7034
Cereda, E. 4677
Cereda, M. P. 4677
Ceresa, A. 1537
Ceriotti, A. 2471
Cernadas, R. R. de 4618
Černaj, P. 8174
Černe, M. 8824
Cernea, S. 532, 534-535, 1269
Cerović, R. 4043
Cerović, S. 8516
Cervantes, L. A. 8532
Cervellini, G. da S. 2923
Červenka, K. 4953
Ceska, O. 2551
Ceulemans, R. 1823, 2666, 4421, 5914
Ceulemans, R. J. 9349
Ceustermans, N. 237, 403, 957, 970-971, 1690, 1695, 5827, 5958, 6120, 6907, 6940, 7064, 7731, 7877, 8728, 8743, 8788, 8800, 8951, 9746
Çevik, B. 2850
Cha, J. W. 9742
Chacko, E. K. 10164, 10167
Chadha, K. L. 151, 176
Chadha, M. L. 7850
Chaffey, N. J. 3374
Chaffey, S. R. 2521
Chagas, J. M. 6953
Chaghtai, S. A. 5647
Chagnon, M. 8155
Chaib, S. L. 2460
Chaichantipyuth, C. 6412
Chairani, M. 9279
Chakrabarti, A. K. 221, 260
Chakraborty, D. 8297
Chakraborty, K. 1759
Chakravarty, P. 7269
Chalandre, M. C. 5609
Chaliès, C. 9597
Challa, H. 5235
Chalmers, D. J. 1611, 5007, 6682
Chalmers, J. D. C. 3457
Chalutz, E. 8343, 8446
Chamarro, J. 4662
Chamart, S. 2790, 5627
Chambat, G. 3072
Chambroy, Y. 3132
Chamel, A. 1578, 6716
Champagnol, F. 9603
Champeaux, H. 6184
Champel, P. 6837
Champenois, R. 911
Chamuah, G. S. 5776
Chamy, A. 2726
Chamy, M. C. 1318
Chan Castañeda, J. L. 6989
Chan, F. 2931, 2939
Chan, H. T., Jr. 4768, 8412
Chan, K. C. 5620
Chan, Y. K. 4763-4764
Chanana, Y. R. 629
Chand, J. N. 314, 3371
Chand, U. 3514
Chandan Singh 9972
Chandel, A. S. 6974
Chandhuri, P. K. 8229
Chandler, J. L. 619, 10061
Chandler, L. D. 5314
Chandra Babu, R. 2928
Chandra, G. 3624
Chandra, H. 7251
Chandra, N. 4373, 9148
Chandra, S. 7251
Chandra Sekhar, K. N. 4324
Chandra, V. 5365
Chandrakala, T. 5557
Chandramohan, M. 676
Chandran, T. V. 4689
Chandrasekhara, G. 499, 515, 1909
Chandrasekhara, N. 6862
Chandrasekharan, I. 1305, 1319, 4530
Chandylova, L. V. 4258
Chaney, P. P. 718, 9296
Chaney, R. L. 5853
Chang, C. 724
Chang, C.-C. 4266
Chang, C. H. 300
Chang, H. C. 4273
Chang, H. T. 1342
Chang, J. S. 3140
Chang, K. C. 1491, 2088
Chang, S. S. 5694
Chang, S. T. 2566
Chang, W. C. 2779
Chang, Y. 8081
Chang, Y. C. 5820, 5820
Chanishvili, Sh. Sh. 9589
Chantalat-Dublanche, I. 1361
Chantry, J. L. 9376
Chanukvadze, A. Sh. 1399, 6468, 10067
Chanukvadze, S. A. 10072
Chapel, D. 7872
Chaplieva, V. V. 9404
Chaplin, G. R. 10171, 10176
Chaplin, M. H. 865
Chapman, B. 113
Chapman, J. C. 4658, 7332, 7335
Chapman, K. R. 1499, 8346, 10181
Chapon, J. F. 2206, 6674, 6725, 7548
Chappell, W. E. 1184
Chapple, C. C. S. 6630
Chapuis, J. C. 10026
Chaput, L. J. 1728
Chareonboonsit, S. 5349
Charland, A. 4906
Charles, J. G. 4062
Charlesworth, B. 5405
Charlesworth, D. 5405
Charlot, G. 7464
Charlwood, B. V. 1783, 8142
Charlwood, K. A. 1783
Charpentier, S. 1771
Charrafaine, A. 8390
Charrier, A. 10136
Chase, A. R. 2690, 4412, 9885
Chase, R. G. 5200
Chatani, N. 4585
Chatson, K. B. 568
Chatterjee, C. 8410
Chatterjee, S. S. 969
Chatterton, J. 3850
Chattopadhyay, N. C. 2824
Chattopadhyay, P. K. 3786
Chattopadhyay, S. K. 603
Chattopadhyay, T. K. 2820
Chaturvedi, H. C. 1955, 4515
Chaturvedi, R. 2730
Chaturvedi, S. K. 1368
Chau, K. V. 772, 8342
Chau-Thi, T. 3712
Chau-Thi, T. V. 9141
Chau, V. D. 391
Chaudhari, S. M. 636
Chaudhary, M. L. 502, 4489
Chaudhary, S. K. 2551
Chaudhry, M. I. 1945
Chaudhuri, A. K. N. 8297
Chaudhuri, K. 7268
Chaudhuri, S. 8274
Chaudhury, S. 4453
Chaudhury, S. R. 5592
Chauhan, C. S. 519
Chauhan, J. S. 2246
Chauhan, K. P. S. 2628
Chauhan, P. 7286
Chauhan, S. V. S. 6309
Chauhan, V. S. 5950
Chaumond, M. 7899
Chaumont, J.-P. 1379
Chaurasia, M. C. 595
Chaurasia, R. S. 2031, 5563
Chavadej, S. 606
Chavan, D. A. 10195
Chavanji, A. M. 3003, 7442
Chaves, J. C. D. 8393
Chávez Beltrán, G. A. 7054
Chawla, H. M. 7268
Che, C. T. 2710
Chebotar', I. T. 6815
Chechetkina, L. V. 6045
Checkai, R. T. 1080
Chedhomme, F. 6781
Chee, K. 9621
Chee, R. 1640
Cheema, S. S. 9232
Cheeseman, J. M. 4240
Chehata, A. N. 2965, 2968
Chekanova, V. N. 9865
Chelvan, R. C. 176
Chen, B. 1861
Chen Baoliang 1861
Chen, C. 6504
Chen, C. C. 5368, 6168, 7235-7236
Chen, C. L. 6756
Chen, C.-M. 2655, 2657, 2664, 4266
Chen, C. P. 3604
Chen, F. 653
Chen, F. C. 9182
Chen, G. P. 9182
Chen, J. 1719, 1917
Chen, J. L. 2064
Chen, J. T. 2721
Chen Jun-yu 3465, 3485
Chen, K. 1086
Chen, L. H. 9285
Chen, L. T. 2060
Chen, M. H. M. 1308
Chen, M. J. 3684
Chen, N. M. 9282
Chen, P. 828, 5825
Chen, P. M. 121, 8607
Chen, R. M. 2064
Chen, S. 5824-5825
Chen, S. Y. 1933
Chen, T. S. 6889
Chen, W. H. 7505
Chen, W. T. 9285
Chen, X. J. 9221
Chen, Y. 364, 4310, 6302, 6370, 6435, 8915
Chen, Y.-P. 1163
Chen, Y. Q. 7263
Chen, Y. W. 2495
Chen, Y. Y. 3680
Chen, Y. Z. 1551, 7109, 7195
Chen, Z. G. 908, 2779
Chen, Z. K. 3576
Cheng, A. J. 8330
Cheng, B. T. 6921
Cheng, B. Z. 3573
Cheng, C. Y. 5138
Cheng, G. W. 9246
Cheng, H. Y. 2060
Cheng, K. F. 1342
Cheng, K. H. 9764
Cheng, Q. F. 8810
Cheng, S. S. 2495
Cheng, Y. S. 6696
Cheniclet, C. 9945
Chénieux, J. C. 2776, 5591, 7271
Cheon, J. U. 5662
Cheong, S. T. 5783
Chepote, R. E. 2028
Cherevatyĭ, V. S. 9204
Cherg, D. 639
Cherkasov, O. A. 2764, 3662
Chernenko, N. G. 7530
Cherneva, S. 8995
Chernikova, L. M. 5274
Chessa, I. 1426
Chesson, J. H. 1555
Chestnut, N. E. 3137, 4002
Chet, I. 2535, 5820, 9442
Cheung, L. C. 3320
Chevallerie, H. de la 4805
Chèvre, A. M. 9482
Chew, D. K. 3828
Chew De Kheng 3828
Chew, O. K. 7418
Chew, V. 6094
Chezhiyan, N. 4506
Chhabra, S. C. 1281
Chi, C. W. 2809
Chialva, F. 5551
Chiappeta, A. de A. 6409
Chiappini, I. 1978
Chiari, G. 611
Chiatante, D. 7740
Chib, H. S. 3811, 4949
Chiba, K. 247
Chikaizumi, S. 2057
Chikovani, D. M. 6329
Child, R. D. 9462
Childers, N. F. 3865
Chilembewe, E. H. C. 1404
Chilom, P. 4317
Chimpoesh, G. P. 4901, 4919
Chin, C. K. 6796
Ching Eng, A. 7070
Chiotha, S. S. 3650
Chiranjeevi, V. 4732
Chiranjivi Rao, K. 2957
Chirinos, A. V. 6456
Chisholm, D. N. 1888, 9694-9695
Chism, G. W. 3481
Chitarra, A. B. 1463
Chitt, M. A. 9934
Chiu, H. J. 2218
Chiu, T. F. 5694
Chkanikov, D. I. 4264

Chkhaidze, G. I. 2990, 4789
Chkhikvadze, G. V. 6446
Chkhikvishvili, I. D. 10223
Chlebowska, D. 2275
Chmiel, H. 3478, 3486
Cho, H. O. 6861
Cho, J. T. 5421-5423
Cho, M. D. 3168
Cho, T. 5253
Choairy, S. A. 9284
Chobanov, D. G. 1901
Chod, J. 5260
Chohan, G. S. 628
Chohan, J. S. 108
Choi, H. K. 6967
Choi, J. K. 1831, 2617, 4359, 5517
Choi, J. S. 182, 3928, 4130
Choi, K. S. 3397
Choi, L. S. L. 568
Choi, S. K. 6967
Choi, S. L. 4359
Choi, S. O. 1807, 6278
Choi, S. T. 2602, 6242
Cholewa, A. F. 1143
Cholies, N. 2002
Chommadov, B. 6378-6380
Chomoneva, T. 3523
Chon Ton Phan 7547
Chong, C. 75, 2404, 3571
Chong, P. C. 5960
Chong, T. K. 3807
Chopova, M. 2774
Chorąży, T. 2272
Chordi, A. 662, 2073
Chou, T. C. 5305
Choudhari, K. G. 636
Choudhary, M. I. 6371
Choudhuri, M. A. 2373, 5981
Choudhury, B. J. 4870
Choudhury, D. M. 4485
Choudhury, J. 4560
Choudhury, R. 3672
Chow, C. S. 2088
Chow, W. S. 4326, 8792
Chowdhury, A. R. 4561
Chowdhury, B. 548
Chowdhury, B. K. 4574
Chowdhury, J. B. 3762
Chowdhury, J. U. 4559
Chowdhury, P. K. 5602, 8153
Choza, J. L. Ramírez 7247
Choza, J. L. Ramirez 6997
Chrétien, L. 9003
Chrispeels, M. J. 5278
Christ, E. 1562, 7610
Christ, P. 9207
Christensen, J. V. 8562, 8565
Christensen, L. P. 5949
Christensen, O. V. 2573
Christensen, P. 4121, 5934
Christensen, T. J. 1137
Christenson, E. A. 464, 1840-1841, 4424, 8050
Christians, N. E. 451, 1182, 3549
Christoffersen, R. E. 9220
Christoffoleti, P. J. 2978
Christofides, L. 2830
Chróścicki, K. 2272
Chu, C. L. 11, 2208, 6732
Chu, M. C. 8465
Chua, B. K. 4486
Chuan Kee, S. 5343
Chubey, B. B. 1265
Chude, V. 669
Chui, J. N. 6042
Chulasiri, M. U. 6326
Chulkov, V. V. 5124
Chumaevskaya, M. A. 1155
Chumikina, L. V. 2481
Chun, C. K. 1807, 1837, 2602, 6278, 6281
Chun, J. K. 2619
Chun-Tao Che 1845
Chun, Y.-T. 1950
Chundawat, B. S. 3782
Chunekar, K. C. 10024
Chung, B. 5209
Chung, G. C. 1707
Chung, J. D. 1807, 1837, 2619, 2668
Churata-Masca, M. G. C. 3409, 8750
Church, G. A., II 8342
Churchill, D. B. 1422, 1432, 2048
Chweya, J. A. 2557
Chylarecki, H. 2672
Ci, L. J. 8549
Ciampolini, M. 5699
Ciancaglini, E. 2491
Cianciara, T. 2276
Cianciara, Z. 2222
Ciaralli, F. 4861, 5326
Ciarelli, D. M. 6535
Ciccarese, F. 6892
Cierpinski, W. 757, 929, 7482
Ciesielska, S. 9669
Cieślak, H. 2233
Cifuentes, Y. 5384
Cignetti, A. 7677
Cimato, A. 5001, 8357, 8587
Circosta, C. 1332-1333, 8212-8213, 8220, 8224
Cireaşa, V. 7559, 7657
Cirulli, M. 6892
Citrograph 6477, 10079
Clairon, M. 5318
Claisse, R. 4538
Clanet, H. 4957
Clardy, J. 1308, 8254
Clark, C. J. 6510, 9532
Clark, J. A. 4842
Clark, J. D. 9891
Clark, R. B. 9703, 9705
Clarke, A. E. 40, 7955
Clarke, C. J. 8363
Clarke, K. G. 8868
Clarke, M. A. 7440
Clarkson, C. 5988
Clarkson, D. T. 8763
Claussen, W. 765, 7007, 8905
Claverie, J. 99, 9523
Clayton, C. N. 105
Cleland, R. E. 7820, 8773
Clemence, T. G. A. 6259
Clemens, J. R. 51
Clement, L. D. 6121
Clements, M. A. 8054
Clevette-Radford, N. A. 5468, 8103, 8235
Clifford, M. N. 8397
Clift, A. D. 3463
Clijsters, H. 7798
Cline, M. G. 1773, 1775
Cline, M. N. 6214
Cline, R. A. 5132
Clowes, M. St. J. 4796
Čmelik, Z. 8619
Çobani, H. 1731, 8909
Čobas, D. B. 10207
Cobb, G. S. 1867, 2718
Cobianchi, D. 889, 2203, 4994, 5031, 5036
Cochet, J. P. 2379
Cochran, M. E. 3568
Cociu, V. 3994, 5023
Cock, J. H. 9237
Cock, M. J. W. 2
Cocking, E. C. 3895
Cockrel, A. D. 5425
Cockshull, K. E. 3493, 4850
Cocoa Research Institute, Ghana 2122
Cocotle R., Y. 5917
Cocozza Talia, M. 3519
Cocucci, S. M. 6227
Codina, C. 1285, 8163
Codomier, L. 4549
Cody, A. M. 45
Cody, C. A. 796
Coelho, H. J. 2517
Coen, S. 5953
Coffey, D. L. 3261
Cofta, H. 4059, 4061
Coggins, C. W., Jr. 2835, 2852, 6488
Coggins, J. R. 9327
Cohat, J. 3294
Cohen, A. 2874
Cohen, D. 5729
Cohen, E. 1743, 2876, 4664
Cohen, H. P. 6277
Cohen, J. D. 5302, 8862
Cohen, L. 7786
Cohen, R. A. 8848
Cohen, S. 2049, 5150
Cohen, S. H. 4425
Cohen, S. S. 256
Cohen, Y. 2846
Cojocaru, M. 6546
Coker, T. 4351
Colacicco, D. 1073
Colapietra, M. 4109, 8700
Cole, A. L. J. 9066
Cole, D. 3735
Cole, J. R. 605
Cole, L. L. 1664
Cole, P. J. 4641
Coleman, J. O. D. 3457
Coleman, W. K. 1567
Coleti, J. T. 2962, 2970, 2976-2977
Collado, J. G. 58
Collalto, G. di 4104
Collicutt, L. M. 4392
Collin, H. A. 670, 1749
Collin, M. N. 646, 5735
Collins, B. G. 8101
Collins, G. G. 3215
Collins, S. 2898
Collyer, E. 4062
Colman, B. 6270
Colombia, Instituto Colombiano Agropecuario 3020
Colombia, Universidad Nacional de Colombia 5789
Colombo, M. P. 5874
Colonna, J. P. 8395
Colorio, G. 895, 5850
Comai, M. 2163, 2182, 2186, 2199-2201, 4933
Combe, L. 6929
Combs, B. S. 4638
Côme, D. 236, 7965
Comeau, L. 5619
Cömezóğlu, S. N. 3669
Commission of the European Communities 5866
Commonwealth Institute of Biological Control 12
Conagin, A. 2923
Conceição, F. A. D. 3427, 3433, 3435
Conceição, H. E. O. da 5761, 9286
Concetti, S. 4989
Conci, V. C. 458
Condé, A. R. 687, 9252
Cone, W. W. 4127
Congard, B. 8064
Congora, C. 5728
Conijn, C. G. M. 1160, 1164
Conlong, D. E. 3843
Conn, E. E. 1135
Connellan, G. J. 6647
Connolly, J. D. 607, 691
Conover, C. A. 2643-2644, 2665, 5462, 7904, 8038, 8988, 9866, 9875
Considine, J. 6782
Considine, J. A. 6671
Consolacion, E. D. 9647
Constabel, F. 567, 9195
Constantin, R. J. 9063
Contini, M. 9535
Contoman, M. 9567
Contreras Guillén, J. 6987
Controneo, A. 8222
Cook, C. R. 1043
Cook, E. L. 7915
Cook, J. M. 1953
Cook, K. 1338
Cooke, A. 5185
Cooke, J. R. 829
Cooke, R. C. 3327
Cooke, T. J. 2552
Cookson, A. 5185
Coolbaugh, R. C. 4265, 4273
Cooley, H. J. 5161
Cools, M. 9736
Cools, M. H. 356, 1694, 1705, 2380-2381, 2450, 3312, 6086, 6112, 6926, 7001, 7732, 7756, 7853, 8817, 9736, 9738
Coombe, B. 923
Coombe, B. G. 2331
Coombs, J. 7447
Cooper, P. A. 5729
Coorts, G. D. 3518, 3525, 5416
Copăescu, V. 9547
Copas, L. 2178
Copel, A. 8793
Coppock, G. E. 1422
Coppola, V. 3226
Coquinot, J. P. 6785, 9534
Coradin, L. 2103, 2105, 4804
Corbineau, F. 7965
Corda, P. 5983, 6893-6894
Cordell, G. A. 562, 583, 1358, 1980, 2710, 3668, 4568, 8221, 10015
Cordella, S. 8977
Cordonnier, R. E. 4133, 4136
Corella, P. 4333
Corelli, L. 3151, 4898, 5011, 5039
Corgan, J. N. 220
Corino, L. 5139
Corley, W. L. 6084
Cornejo, M. J. 2783
Cornelsen, A. 8701
Corner, E. J. H. 5873
Cornic, G. 225, 3361
Cornish, K. 1737, 3492
Cornu, D. 9528
Corpas T., F. 3364-3365
Corral, A. 5175
Corral, J. M. M. del 8182
Corre, G. 1357
Corrêa, M. P. F. 10226
Correia, M. M. 8391
Correnti, A. 6506
Corse, J. 5342
Cortellini, W. 8575
Cortes, D. 1331, 8276
Cortés, M. J. 2711
Cortés, S. 1471, 10141
Coscia, C. J. 594, 7292
Cosgrove, D. J. 4260
Cosper, R. D. 2411, 3337-3338
Cossio, F. 1524
Cosson, L. 4577, 6389
Costa, A. N. da 9252
Costa, A. S. 2313, 2462
Costa, C. P. 7003
Costa de Pasquale, R. 8222, 8224
Costa, G. 194, 5025, 5035, 5070, 9461
Costa, J. A. 2918
Costa, J. T. A. 4771
Costa, L. C. G. 5322
Costa, R. 8213
Costa Rica, Centro Agronómico Tropical de Investigación y Enseñanza 4804
Costa Rica, Consejo Nacional de Investigaciones Científicas y Tecnológicas 5798
Costache, M. 4135
Costello, L. R. 2714
Costes, C. 7005
Costigan, P. A. 7738
Coston, D. C. 3158, 5000, 8592, 8602, 9491, 9497
Cotching, W. E. 9531
Cotorobai, M. 5845
Cotten, B. C. 8611
Cottenie, A. 6945
Cottin, R. 645
Cottrell, T. H. E. 5924, 7661
Couch, H. B. 1183
Coudriet, D. L. 4527
Couey, H. M. 4768
Coughlan, S. J. 9636
Couillerot, J.-P. 4329
Coulon, G. 7860
Coulson, C. L. 6952

Coumans, M. 1781
Couot-Gastelier, J. 1126
Cour, P. 9457
Couranjou, J. 4882
Courtois, D. 9969
Coussio, J. D. 1930
Coutiño Abud, D. 1383
Coutisse, S. 1539, 3039, 3048, 9345
Couvillon, G. A. 4988, 5018, 5877, 8596
Covello, P. S. 8880
Cowe, H. J. 562
Cowell, I. 8761
Cox, D. A. 1782
Cox, E. L. 3331, 7855, 7857
Cox, P. J. 562, 4568
Cox, R. A. 9786
Cox, T. I. 5307
Coyle, J. 9441
Coyne, D. P. 9703, 9705
Cozzolino, S. 8233
Crabb, A. C. 7577
Craig, D. L. 7644
Craig, S. 3372
Craig, T. A. 1747
Craker, L. E. 6722
Cramer, G. R. 965, 5990-5991
Crane, A. 1393
Crane, F. L. 1747
Crane, J. C. 4038
Cranham, J. E. 5855
Cranshaw, W. S. 978
Craveiro, A. A. 9965, 10011
Creech, J. L. 8098
Crescimanno, F. G. 158
Crespo, M. E. 7245, 8147
Cresswell, G. C. 9516
Creus, J. A. 5408
Crèvecoeur, M. 8778
Crews, H. M. 959
Crézé, J. 6288
Cribb, P. J. 7175
Criley, R. A. 9812
Criollo-E., H. 5354
Criollo-Escobar, H. 5265
Crisosto, C. H. 9508
Crisostomo, L. A. 3454
Crisp, C. M. 9384
Cristóbal, I. 10090
Cristoferi, G. 5049, 9459, 9479
Cristoffoleti, J. C. 2974
Cristovici, A. 4317
Critten, D. L. 3060, 7861, 8479
Crivelli, G. 5279
Crochon, M. 9502
Crocker, T. E. 3200, 4068-4069
Croft, K. D. 5542
Crofts, A. R. 328
Croix, I. La 8053
Croker, S. J. 3917
Crombie, D. S. 4447
Cronauer, S. S. 1450, 3778
Crooijmans, S. 9375
Crook, C. E. 8019, 8021
Crooks, J. R. 2545, 3444
Cross, K. W. 2980
Cross, S. E. 1196
Crosswhite, C. D. 9886
Crosswhite, F. S. 9886
Croteau, R. 7242, 8136, 8145
Crothers, C. J. 944
Crovetti, A. 4806
Crowe, A. D. 3085, 5840
Crowther, D. 332
Croxdale, J. G. 7102
Crozier, A. 5297
Crute, I. R. 3311
Cruz A., G. de la 5787
Cruz C. 9685
Cruz Filho, J. da 2517, 2950
Cruz, H. L. L. 9291
Cruz, J. M. Guerrero 9586
Cruz, L. S. P. 708, 2917, 2920, 2953
Cruz, N. D. da 7306
Cruz-Ramos, C. A. 2748
Cruz-Romero, G. 2847
Cruzan, M. 3540
Crvenica, M. 2234
Csáki, G. 9139
Csapó, E. 7277
Cséke, C. 1659, 5357
Cserni, I. 7031
Csizinszky, A. A. 9606
Csontos, P. 7123
Cuadrado, A. 7712
Cuadrado Gómez, I. M. 1063, 9867
Cuartero, J. 988, 4333
Cuba, Estación Experimental de Cítricos, Jagüey Grande 9315
Çubukçu, B. 7283
Cudney, D. W. 3547
Cuellar L., H. F. 5787
Cuello Rionda, M. 9329
Cuenca, A. 1977
Cueto, J. R. 5704
Cueto, M. A. 10146-10147
Cugusi, M. 9601
Culbreath, A. K. 998
Cull, B. W. 6670, 7310, 7370
Cullen, J. 4802, 5796
Cumming, B. A. 5153
Cumming, B. G. 7156
Cummins, J. N. 2225, 7580
Cunha, G. A. P. da 4771
Cunha, M. A. P. da 6624
Cunha, R. J. P. 4677, 6551
Cunningham, D. G. 4954
Cuquerella, J. 280
Curatolo, G. 6808
Curir, P. 1191
Currah, L. 3279-3280
Curras Cayon, R. 7093
Curry, E. A. 854, 5859, 9467
Cury, A. P. 3285
Custers, J. B. M. 7106
Cutcliffe, J. A. 2396
Cutler, A. J. 2772, 8203
Cutler, D. F. 439, 8033, 9872
Cutliffe, J. A. 7644
Cutore, L. 5681
Cutting, J. C. 7317
Cutuli, G. 7345
Cyprus, Agricultural Research Institute 9316
Czapski, J. 3263
Czarnecki, B. 3203
Czerski, T. E. 6593
Czynczyk, A. 2233, 4923
Da Cunha, M. A. P. 6624
Da Silva, J. R. T. 4649
Da Silva Monteiro de Barros, J. C. 2864
Dabash, A. S. 4676
Dabbene, A. 905
Dabbs, D. H. 9699
Dabi, E. 6382
Dabin, P. 4159, 4464
Dąbrowska, B. 4151
Dąbrowska, S. 4398
Dabrowski, Z. T. 784
Dadà, G. 9978
Daday, H. V. 3912
Dadomo, M. 5321
Dadová, S. 6736
Dafni, A. 1787
Daghir, N. J. 6035
Dahan, R. 4321
Dahiphale, V. V. 10195
Dahiya, D. R. 1028
Dahiya, S. S. 3859
Dahlbender, B. 6009
Dahlsten, D. L. 9107
Dai, G. L. 6678
Dai, J. 9127
Dai, T. S. 714
Daiber, K. C. 1736, 3585
Daie, J. 5821, 6159, 9772
Daigneault, L. 3571
Dainello, F. J. 6880
Daito, H. 9239
D'Albore, G. C. R. 1258
Dalebout, C. P. 32
Daley, L. S. 2242
Dalla Monta, L. 806
Dallard, J. 4072
Dalldorf, D. 2090, 2946
Dalldorf, D. B. 1500
Dallemagne, P. 5588
Dall'Olio, G. 1288
Dall'Orto, F. A. C. 2265, 3141, 3143-3144, 3182, 4016, 4046, 4680, 8508
Dalmasso, A. 348
Dalpé, Y. 8647
Damadyan, B. 7283
Damasco, D. P. 6517
D'Amato, A. 7677
Damato, G. 1097
Damavandy, H. 85
Dambré, P. 1788
Dameron, D. 3977
Damiano, C. 889, 4999, 5088
Daminati, M. G. 2471
Damme, P. L. J. Van 4614
Damodaran, N. P. 3699
Damodaran, V. K. 3785, 3787, 4689-4690, 4700
D'Amore, R. 2124, 3066, 8475
Dan, S. 8275
Dan, S. S. 8275
Dan, V. 1010
Dana, M. N. 424, 3497-3499
Danese, S. 8477
Dang, Y. P. 3841
Daniel, R. C. 6654-6655
Daniel, W. H. 1181, 1819
Danieli, B. 5618
Daniell, J. W. 859
Daniells, J. W. 6632, 8376
Danilenko, V. V. 8577
Danilov, V. L. 5943
Danloy, L. 3064
Dann, I. R. 1611
D'Anna, F. 6808
Danneberger, T. K. 6258
Danner, R. 8698
Dansereau, B. 1863
Dantas, J. C. R. 10226
Danu, N. S. 3355
Daoud, W. 6754
D'Aquila, F. 5394
Dar, B. A. 1810
Dar, C. N. 4949
Darbellay, C. 8471
Darbour, N. 9983
Darekar, K. S. 352, 613, 622, 1065, 1352, 9214-9216
Darfeld, H. J. 1614
Darga, A. 2137
Dargaeva, T. D. 9144
Daris, B. 5109
Darlington, M. V. 5559
Darmawijaya, I. 9302
Darnoko 2035
Darvas, B. 8443-8445
Das, A. K. 2824, 5169, 5172
Das, C. M. 1469
Das, N. K. 4681
Das, R. C. 2817, 4698
Das, S. 2824
Das, S. C. 6586
Das, S. N. 558
Dasberg, S. 2049, 5679, 10070
Dașcău, V. 7581
Dasgupta, D. K. 2819
Dass, A. 1944
Datar, V. V. 4298, 4751, 7041
Dathe, W. 10207
Datta, P. C. 5636, 6358
Datta, P. K. 4243
Datta, S. C. 5267
Datta, S. K. 4609, 5636, 6358, 8187
Datta, T. K. 4243
Daubeny, H. A. 6788
Daudet, F. A. 9590
Dauguet, J. C. 5588
Daulatabadi, N. 1370, 8115
D'Aulerio, A. Z. 7220
Dauletmuratov, S. 1350
Daum, D. R. 2338
Daunay, M. C. 348, 6098, 7845, 8901
Dauplé, P. 5957
Dauriach, J. 5882, 6750
D'Auzac, J. 1494, 6550
Davelaar, E. 4391
Davenport, T. L. 1419, 2087, 7354
David, B. V. 3394
Davidenko, S. E. 6331
Davidian, H. H. 4797
Davidson, J. A. 3570
Davidyants, E. S. 6431, 8293
Davidyuk, L. P. 841, 2023
Davies, B. E. 959
Davies, E. 5290
Davies, E. C. 4326, 8792
Davies, F. S. 2044, 2050, 7629, 8644, 8649, 9552
Davies, F. T., Jr. 9329, 9924, 9928
Davies, P. J. 4263, 5296, 5301
Davies, R. 10049
Davies, R. M. 2388
Davino, M. 4371
Davis, J. V. 8645
Davis, K. R. 5332-5333, 8919
Davis, L. E. 1664
Davis, P. A. 8438
Davis, P. F. 9355
Davis, R. M. 2863, 4647
Davis, T. D. 1792, 2025, 7090, 9434, 9752, 10044
Davydov, V. S. 6430
Dawes, S. N. 5736
Dawh, A. K. 7909
Dawidar, A. A. 10032
Dawidar, A. M. 2796
Dawkins, T. C. K. 315, 6072
Dawra, S. 3762
Dawson, W. M. 2547
Day, D. A. 2485
Day, P. R. 7450
Dayal, R. 8132
Dayan, E. 9363
De Almeida, L. C. 2986-2987
De Araújo, J. R. 2986-2987
De Bruin, M. 8940
De Campos, H. 2987
De Goes, A. 2864
De Greef, J. A. 5276
De, K. K. 4274
De la Chevallerie, H. 4805
De Lorenzi, F. 2320
De Luca, V. 2770
De Moura, R. L. 8864-8865
De Noronha, J. F. 5656
De Oca, F. Naranjo Montes 7429
De Oliveira, C. A. L. 4649
De Oliveira, D. 3963
De-Polli, H. 4207
De Reede, R. H. 3956, 5856
De, S. 4609
De-Sheng Tsai 2592
De Silva, N. T. M. H. 672
De Steene, L. van 6923
De Temmerman, L. O. 7150
De Toledo, P. E. N. 5656
De Veaux, J. S. 4605
De Veire, M. van 2537
De Villiers, E. A. 1617
De Vrie, M. van 8972
Deac, V. 7775
Dean, J. F. D. 1746
Deane-Drummond, C. E. 3374, 5289
Dearman, A. S. 1660, 4178, 6158
Dearman, J. 6867
Debbarma, J. C. 4485
Debergh, P. 435, 1824
Debergh, P. C. 2689, 5474, 8052
Debets, E. Yu. 9865
Debray, M. 4586
Debreczeni, B. 8484
Debus, V. 9110
Dechatiwongse, T. 9984
Dechen, A. R. 6558, 6560
Decheva, R. 526
Declercq, J. P. 588
Decourtye, L. 5790
Decroux, J. 6942
Dede, A. P. O. 5308
Deen, J. 2104

Defelipo, B. V. 6046
Deffieux, G. 7081
Defrance, H. 6749, 8593
Degani, C. 10054
Degaspari, N. 2986-2987
Degeyter, L. 7182, 9100
DeGomez, T. E. 8638
DeGrandi-Hoffman, G. 1583
Dehaussy, H. 1974
Dehgan, B. 3607
Deichgräber, G. 7125
Deinzer, M. L. 5546
Deiser, E. 406, 938, 7112
Dejonckheere, W. 5993
DeJong, T. M. 3155-3156, 5004, 7571
Del Amor, F. 7329
Del Bene, G. 2580
Del Rio, C. Martinez 6225
Delay, F. 7241
Deleens, E. 456
Delepine, R. 4537
Deleplanque, H. 9330
Delgado, G. 9196
Delgado, R. 220
D'Elia, C. 9049
Delivoria, A. Stavropoulou-10102
Dell, A. 6068
Dellacassa, E. 7238
Dellacecca, V. 3420, 4162
Dell'Amico, J. 10139
Delle Monache, F. 4583
Delle Monache, G. 4583
Delmas, J. M. 2887
Delmotte, C. 5867
Delool, R. A. H. 9792
Delort, F. 6733
Delort, J. F. 4921, 7531
Delrot, S. 309, 5283
Deltour, J. 1539, 3039, 3048, 9345
DelValle, T. B. G. 3162
Delvare, G. 8407
Delvaux, B. 7393, 8372
Delver, P. 3950
Delwiche, M. J. 8601, 9328
DeMaggio, A. E. 5623, 6277, 8466
Demarly, Y. 656
DeMason, D. A. 637, 1828, 5718, 9244, 9931
Demattê, M. E. S. P. 3332, 3336, 3599
Dembitskiĭ, A. D. 6332, 6338
Demenko, V. I. 3212, 7655
Dement'eva, F. I. 990
Dement'eva, V. S. 1185
Demizu, S. 7301
Demmig, B. 9044
Demmink, J. F. 6187
Deneke, C. F. 1794
Deng, F. X. 2012
Deng, Y. Z. 1648
Denier, C. 3636
Denisov, V. P. 7503
Denmark, H. A. 3558
Denmark, Institut for Væksthuskulturer 8796
Denmark, Statens Byggeforskningsinstitut 6644
Denmark, Statens Planteavlsforsøg 7063
Denney, J. O. 1435
Dennill, G. B. 6842
Dennis, D. J. 5526
Dennis, F. G., Jr. 748, 1443, 3210
Dennis, T. J. 1929
Denny, E. G. 8602
Deole, J. Y. 6971
Deore, B. P. 1717, 3283
Der Staaij, M. van 8897
Dera, D. K. 3514
Derbyshire, D. M. 3866
Dercks, W. 5099
D'Ercole, N. 5089
Derkach, A. I. 6350
Derks, A. F. L. M. 440
Dernoeden, P. H. 7162-7163, 9028
Derolez, J. 4343
Deromedis, R. 5175
Derstine, K. S. 2709
Dery, S. K. 3818
Desai, A. G. 3815
Desai, B. B. 345, 719
Desai, H. V. 8288
Desai, U. T. 636, 7444
Desaive, C. 8296
Desborough, S. L. 7923
Deseö, K. V. 8535, 8575
Deshmukh, Z. V. 9619
Deshmukhi, S. K. 215
Deslongchamps, P. 2756
Desmaison, A. M. 7563
Desmet, G. M. 9332
Desouki, I. A. M. 8906
Desouky, I. 4031
Dettori, S. 2261, 5665
Deuber,ªR. 2461-2462
Deunff, Y. le 8884
Deus-Neumann, B. 1940, 1947-1948, 7282
Dev, V. 2742, 3633
Devakumar, C. 547
Devar, K. V. 7229
Devasahayam, S. 6328
DeVay, J. E. 5959
Deveronico, L. 786
Devlin, R. M. 5229
Devos, P. 661
Dewick, P. M. 598, 10022-10023
Dey, P. M. 1033, 5282, 6068
Deyama, T. 1885, 7281
Dhahir, A.-B. J. 553
Dhaliwal, G. S. 887
Dhamdhere, S. V. 1054, 6971
Dhammika, N. P. 8221
Dhanaraj, S. 2207, 7550
Dhandapani, N. 6999
Dhandar, D. G. 4699
Dhanvantari, B. N. 4316
Dhar, A. K. 518, 563
Dhar, K. L. 520, 9190
Dhar, P. L. 8226
D'Harlingue, A. 1058, 2507
Dharmaraj, G. 2928
Dharmaratne, H. R. W. 9154
Dhawan, R. S. 3508
Dhillon, B. S. 4022, 7410-7411, 10091
Dhillon, G. S. 312
Dhillon, K. S. 6973
Dhillon, T. S. 984
Dhindsa, K. S. 511, 4503
Dhir, K. K. 5485
Dhooria, M. S. 7850
Dhua, R. S. 5438
Diamondstone, B. I. 8464
Dias, M. C. L. de L. 1470
Díaz, A. 1484, 5675
Díaz Alvarez, J. A. 6473-6474
Díaz Arguelles, A. 6876, 7067
Díaz, D. H. 4891, 5006
Díaz Montenegro, D. 6544
Díaz, T. 6745
Dick, E. 3781
Dick, J. M. P. 6660
Dick, R. G. 5773
Dicke, W. 8168
Dickens, R. 1169, 2633, 2635
Dickerson, A. G. 1103, 2564
Dickinson, H. G. 7145
Dickinson, N. M. 1477
Didora, V. G. 9957
Diego, D. Di 3034
Diemkouma, D. 8726
Diener, R. G. 91, 820, 6724
Diettrich, B. 9999-10000
Dietz, K.-J. 3915
Díez, M. A. 5263
Diezemann, M. 1078
Dijk, P. van 7946
Dijke, J. F. van 1592
Dikhamindzhiya, A. K. 2739
Dikshit, A. K. 980
Dil, M. C. 6201
Dimassi-Theriou, K. N. 861
Dimitrov, G. 2525
Dinar, A. 6854, 8789
Ding, J. K. 9152
Dinova, M. 3523
Diófási, L. 6846, 8689
Diolez, P. 4328
Dipak Kumar Kar 2767
Dipaola, J. M. 1176
Dipierro, S. 5151
Dipoli, P. 5858
Dirr, H. W. 2442
Dirr, M. A. 1129, 3007, 3609, 4466, 6215
Dissertori, A. 9443
Distelbarth, H. 9067
Ditner, J. L. 9362
Dittrich, R. C. 3288
Divakar, B. L. 3121
Dix, M. E. 1208
Dixit, B. S. 5598
Dixit, R. S. 2761
Dixit, S. N. 9138
Dixon, G. 3529
Dixon, R. O. D. 318
Dizengremel, M.-N. 4433
Djigma, A. 8726
Djurhuus, R. 1799, 9042
Dmitriev, L. B. 1900
Dmitrieva, Z. I. 7635
Dmitruk, S. E. 2802
Dmitruk, S. I. 2802
Dobos, É. 8225
Dobren'kova, L. G. 5100, 6105, 7046
Dobson, B. G. 2391
Dobson, J. 5931
Dobzmann, H. 4520
Docampo, D. M. 458
Docci, R. 8535
Dodds, J. H. 4798
Dodge, A. D. 324-325, 6976
Dodonov, V. A. 7704
Dodson, A. 8761
Dogaru, E. 4317
Dogbo, O. 1058, 3406, 5317, 8898
Dogra, G. S. 1041
Dogra, J. V. V. 8162
Doharey, R. B. 539
Dohnal, B. 9200
Dohroo, N. P. 503
Doi, M. 9105
Doi, T. 7489
Doĭchev, K. 2176, 9419
Doĭnov, I. 526
Doireau, P. 5591
Dolci, M. 9577
Doleček, V. 4525
Doley, D. 6823
Doležel, J. 4813
Dolidze, M. D. 9589
D'Oliveira, L. O. B. 1722
Dollard, G. J. 6006
Dolmat, M. T. 1490-1491
Dolot, N. K. 5968
Dolotenkova, R. M. 1298
Dolya, V. S. 5580, 8990
Domagała, F. 5998
Doman, N. G. 1002
Domanskaya, E. N. 5724, 9248
Domański, J. 3948-3949
Domigan, I. R. 91, 820
Domínguez, X. A. 1985, 2801
Dominguez, X. A. 3690
Dominy, P. J. 8879
Domke, O. 3577, 8469
Domokos, J. 9128
Domoto, P. A. 6687
Donadio, L. C. 2829, 6600
Donald, E. L. de F. 6164
Donald, T. K. 1190
Donalisio, M. G. R. 2736
Donan, J. F. 4743
Donato, M. de 6196, 7825
Donchev, T. D. 1741, 3445
Dong, C. 9678
Dong, L. J. 3853
Dongen, B. van 8086
Donini, B. 1762, 7658
Donna, P. 178
Donnan, W. W. 9893
Donnelly, D. J. 6788
Donoghue, M. J. 1896
Donohue, S. J. 4021
Donselman, H. 2642, 5483
Donselman, H. M. 428-429
Dontchev, A. 5105
Dood, J. de 9903
Doohan, D. J. 6809
Doorn, W. G. van 7921, 8095-8096
Dore, M. 9601
Doremus, H. D. 6075
Döring, J. 5732, 8365-8366
Dornberger, K. 4540, 7294
Dorokhov, B. L. 5943
Dorokhovskaya, R. L. 1899, 4505
Doroshenko, A. A. 1738
Doroshenko, A. F. 9378
Doroshenko, N. D. 4871, 9620
Dorotea, G. 1653
Dorp, B. vom 7754
Dosoretz, C. 7887
Doss, R. P. 8076
Dostál, J. 3997
Douce, R. 982, 2485
Doud, S. L. 105
Dougherty, D. E. 6025
Doughty, S. C. 4418-4419
Douglas, J. A. 6981
Douglas, T. J. 1418, 3750, 9095
Douglass, L. W. 9074
Doust, J. L. 7154
Doust, L. L. 7154
Doust, T. 7818
Doux, C. 6836
Dowd, J. M. 7470
Dowding, A. 8761
Dowler, C. C. 287
Dowling, A. J. 10108
Downes, M. 8761
Downs, C. G. 6193
Downs, J. P. 2632
Downs, R. J. 4177
Doyle, J. D. 4437
Doyle, J. F. 3155, 5004
Dozier, W. A. 105
Dozier, W. A., Jr. 2187
Dradi, G. 5085, 5093
Drăgănescu, E. 6737
Dragland. S. 8756
Dragoco Rep. Flavor. Inf. Serv. 8167
Dragt, S. R. 347
Dragutinović, S. 842
Drake, M. 3127
Drake, S. D. 1925
Drawert, F. 8497
Dreistadt, S. H. 9107
Drennan, D. 7111
Drennan, D. S. H. 4214, 4220
Drescher, M. 4939
Drew, R. L. K. 6867, 9673
Drews, M. 1078, 7773, 7873
Dreyer, E. 8626
Driel, W. van 4142
Drijver, C. 7097
Drinovan, M. 6956
Drobotă, G. 7499, 7581
Drobotă, M. A. 7499, 7581
Droby, S. 6546
Droillard, M. J. 7924
Drotar, A. 1547
Drozdov, S. N. 2440, 5345, 7048
Drozdovskaya, L. S. 1365
Druart, P. 3923, 3996
Druckenbrod, M. 1131
Druet, D. 5619
Drummond, B. A. 6327
Dry, I. B. 7715
D'Souza, L. 7215
Du Jardin, P. 7028
Du, L. G. 2779
Duan, J. L. 6678
Duarte, F. R. 3715
Duarte, S. 6523
Dube, G. 2806
Dube, N. K. 1923
Dubey, N. K. 9138
Dublin, P. 3789

Dubodel, N. P. 2878
Dubois, J. 5984
Dubois, L. A. B. 7202
Dubois, L. A. M. 4454
Dubois, M. A. 8217
Dubravec, I. 2239, 6715, 8523
Dubravec, K. 6715, 8523
Dubrovskaya, E. M. 1155
Dubrovskii, I. G. 7789
Duckett, J. G. 8761
Duda, M. 6093
Dudai, N. 9953
Dudeck, A. E. 1178, 2630, 2636-2638, 3546, 6255
Dudziński, F. 4019-4020
Duell, R. W. 1180
Duez, P. 2790, 5627
Dufault, R. J. 4342
Dufour, M. 3789
Duganova, E. A. 5028, 8603
Dugo, G. 8222
Dugulubgov, B. M. 4903
Duh, C.-Y. 3713
Duhamel, G. 8387
Duhan, J. C. 5180
Duich, J. M. 4411
Duineveld, T. L. J. 6239
Dujardin, E. 9714
Düker, E. 1313
Düker, I. 5847
Dukes, P. D. 8893
Dula, B. 6832
Dull, G. G. 6034, 8955-8956
Dumbre, R. B. 4287
Dumitrescu, A. 1259
Dumitrescu, G. 4969
Dumont, M. 9338
Duna, N. 6805
Dunahay, T. C. 5187
Dunbar, G. A. 7185
Dunbar, K. B. 8186
Duncan, C. 5832
Dunckelman, J. W. 704
Dunkel, H. 1751
Dunlap, J. R. 1006, 9679
Dunning, N. B. 3551
Dunning, S. J. 4029
Dunst, R. M. 5930
Dunstan, R. H. 3458, 4338
Dunston, S. K. 6804
Dunstone, R. L. 2020, 4602
Duodu, Y. A. 7000
Dupéron, P. 2541
Dupéron, R. 2541
Dupont, J. 7720
Duraiswamy, K. 607
Durazo, A., III 2435
Durigan, J. C. 2918, 8750
Düring, H. 9591
Duris, D. 10137
Durner, E. F. 3209, 6807, 8662, 8682
Duron, M. 3936
Durst, F. 2376, 5198
Dusky, J. A. 404, 5222, 5764
Duso, C. 5941
Duss, F. 9754
Duţă, A. 4317
Dutcher, J. D. 4128, 5061
Dutta, P. 8153
Dutta, R. N. 2559
Dutton, A. J. 38
Duval, F. 549
Duval, M. F. 8360
Duys, J. G. 7980
Duyzens, M. J. J. P. 4907
Dvornikova, L. A. 987
Dvornin, A. V. 3237
Dwivedi, D. K. 665
D'yakova, T. N. 9896
Dyer, S. M. 4460
Dyer, W. J. 6081
Dykeman, B. W. 1752
Dymchenko, M. I. 4075
Dyuban'kova, N. F. 5101
Dyukova, V. V. 8306
Dzagnidze, Sh. Sh. 9589
Džamić, M. 2567
Dzhabnidze, R. Kh. 5682
Dzhanikashvili, M. I. 6493-6494, 8339
Dzhasem, I. 3405
Dzhincharadze, G. D. 5682
Dzhindzholiya, A. K. 2895
Dzhokhadze, D. I. 4131
Dzhugan, V. Zh. 9957
Dzhumyrko, S. F. 6352
Dzhuraev, Kh. Sh. 9126
Dzięcioł, U. 3962
Dziedzic, S. Z. 8277
Dzingilevskii, V. D. 9956
Dzyubenko, V. S. 291
Eades, C. A. 4865, 5461
Eaks, I. L. 6488
Eamus, D. 8859
Earnshaw, M. J. 5185
Eashaw, P. T. 7401
Eason, G. 3334
East, R. 7626
Easterbrook, M. A. 5829
Eaton, G. W. 9693
Ebdon, J. S. 1173
Ebeling, J. M. 46
Eberle, J. 7467
Ebizuka, Y. 1950, 9184
Ebringerová, A. 97
Echevarria, C. 228, 8776
Eck, P. 6795-6796, 7623-7624
Eckard, K. J. 2873
Eckenwalder, J. E. 5395
Eckert, J. W. 5712
Eckert, M. 6204
Eckhardt, G. 727, 1520-1521
Economopoulos, A. P. 10102
Economou, A. S. 5496, 6300, 8105
Edelstein, M. 1007-1008, 2412, 3335, 4186
Edin, M. 99, 7570
Edling, R. J. 5057
Edman, K. 948
Edmonds, G. H. 6007, 6154
Edson, W. D. 6121
Edwards, G. R. 816
Edwards, J. H. 5883, 9495-9496
Edwards, J. M. 584
Edwards, R. A. 5406
Ee, G. R. van 634, 4836
Efendija, T. 8528
Efimova, K. 65
Egawa, T. 9594
Eggens, J. L. 453
Egger, E. 161, 3234, 5935
Eglite, M. A. 8632
Egolf, D. R. 9925, 9930
Egorov, I. A. 9485
Egorova, G. F. 7749
Egorova, M. I. 441
Eguchi, H. 5253, 6633-6634
Eguchi, I. 6372
Egunjobi, O. A. 1279
Egyed-Bálint, K. 3590
Ehret, D. L. 6048-6050, 7866, 9765
Ehrler, W. L. 610
Eibach, R. 187
Eicher, F. 5512
Eichholz, E. 5545
Eichin, R. 938
Eid, F. 5586, 9141
Eidsten, I. M. 9121-9122
Eifert, J. 153, 4116, 4119
Eijk, J. P. van 1161, 7989
Eikelboom, W. 7989
Eikenboom, W. 1161
Eilert, U. 567, 9195
Einset, J. W. 5071, 8069
Eisenberg, B. A. 7938
Eissa, E. 3367
Eito, G. 7966
Ekpa, O. 3693
Eksteen, G. J. 1588
Ekundayo, O. 4504, 9950, 10115
El-Alfy, T. S. 3647
El-Assiouty, F. M. 1020
El-Aziz, A. Z. 4137
El-Bahadli, A. H. 4231
El-Bashir, S. 10128
El-Baz, F. K. 7358
El-Behidi, M. A. 1039
El-Beltagy, A. S. 4303, 4314-4315
El-Biehery, M. R. 4137
El-Deib, S. A. 4546-4547
El-Demerdash, A. M. 919
El-Din, A. A. S. 10035
El Fahem, S. 3057-3058
El-Feraly, F. S. 9156, 9985
El-Fouly, M. 1406
El-Gamasy, A. M. 4455, 4513, 4546-4547
El-Gamasy, K. M. 4513, 4546-4547
El-Gawawi, H. M. 1438
El-Gendy, S. A. 4546-4547
El-Gengaihi, S. E. 7122, 7259, 7298
El-Gharably, G. A. 4193
El-Ghazouly, M. G. 7302, 10035
El-Gizawy, A. M. 8933
El-Gul, T. 5192
El-Hady, H. M. 1039
El-Hafeez, S. A. 4237
El-Hamady, A. 4031
El-Hammady, A. M. 4659
El-Hassan, S. A. 4230-4231
El-Hassanin, A. S. 304
El-Hwuegi, A. S. 8359
El-Imam, Y. M. A. 575
El-Kawy, A. E. 4137
El-Keltawi, N. E. 7242, 8136, 8145
El-Kheir, Y. M. 4566
El-Khrisy, E. A. M. 1969
El-Kiey, T. 8099
El-Leboudi, A. E. 4312
El-Mahdy, R. 4670
El-Mahdy, R. K. 9455
El-Mahdy, R. M. 4676
El-Mayah, G. Y. 559
El-Nabawy, S. 4031
El-Nabawy, S. M. 4659
El-Nahaas, M. A. 4607
El-Oksh, I. I. 4312
El-Otmani, M. 6488
El-Razek, M. A. 4193
El-Saadany, S. S. 6588
El-Sagher, M. R. 8359
El Said, H. 3929
El-Saka, M. 7909
El-Sawah, M. H. 1039
El-Sebakhy, N. 1302
El-Sebakhy, N. A. 7302, 10035
El-Sharkawy, A. A. 4676
El-Sharkawy, F. A. 4513
El-Sharkawy, M. A. 9237
El-Sherei, M. M. 9156
El-Tobshy, Z. M. 7359
El-Tomi, A. L. 4607
El-Warraki, A. G. 4670
El-Zarok, A. A. 8359
El-Zawily, A. I. 1052, 3367
El-Zeftawi, B. M. 10100
Elad, Y. 2535
Elamin, O. M. 3438, 8833-8836
Elango, V. 3703
Elawad, S. H. 2983
Elbatzri, R. 10054
Elbein, A. D. 2067
El'chaninov, A. D. 7704
Eldin, A. M. 1062
Eldridge, B. J. 6703
Elena-Rossello, J. A. 3612
Elenga, P. 1301
Elenga, P. A. 7262
Elers, B. 3027
Elfellah, M. S. 1343
Elfering-Koster, K. G. 1805
Elferink-Koster, K. G. 5434
Elfving, D. C. 11, 2194
Elgner, N. 7118
Elia, P. 168, 5932, 9574
Eliades, G. 3424
Elias, G. G. 6551
Elimelech, M. 2036-2037, 10050-10051
Elimeleh, M. 8318
Eliseev, I. P. 1239
Elkiey, T. 2707
El'kin, Yu. N. 6438
Elkner, K. 3292, 6014, 6140
Elkner, T. E. 3158, 8592, 9497
Ellenson, J. L. 4261, 5272
Ellerbrock, L. A. 5967, 8764
Ellering, K. 7691, 9897
Elliott, K. C. 91, 820, 6724
Elliott, S. 9967
Elliott, T. J. 3008
Ellis, B. E. 6630
Ellis, M. A. 7647, 8678, 9439
Ellis, R. 5898, 7585
Ellis, R. D. 2981
Ellis, R. H. 3076
Ellison, J. H. 5303
Ells, J. E. 1696
Ellwanger, R. M. 6813
Ellyard, R. K. 5522
Elmanova, T. S. 4399, 5445, 8597-8598
Elmer, W. H. 9770
Eloff, J. N. 3861
Elsohly, M. A. 3647
Elujoba, A. A. 4594, 4600, 7288
Elvin-Lewis, M. P. F. 9143
Elwali, A. M. O. 3837
Elyatem, S. M. 2214
Embree, C. G. 3085
Emele, F. 1966
Emerson, K. B. 944
Emmett, R. W. 3245-3246
Emmo, A. C. 1816
Enache, E. 7611
Encina, C. L. 5972
Encke, F. 733
Encke, O. 7522, 7561
Endang, S. 2933
Endang Syamsuddin 1486, 1488-1489
Ende, B. van den 100, 113
Endo, K. 2013
Endo, Y. 4584, 8287
Engel, B. 3707
Engel, G. 808, 1573, 4911, 4939, 7508, 8563, 8566, 9428
Engel, J. B. van den 9410
Engel, R. E. 1172
Engelbrecht, A. H. P. 9800
Engelhard, A. W. 6200
Engels, H. 6628
Engleman, E. M. 6542
Englmüller, R. 3081
Enikeev, Kh. K. 1600
Ennet, D. 5545
Enoch, H. Z. 6637, 9363
Enriquez, G. 10142
Enríquez, G. A. 6525
Entwistle, P. F. 3012
Enu-Kwesi, L. 9727
Enzmann, J. 10194
Epel, B. L. 240
Epstein, E. 2532-2533
Erasmus, S. P. 851
Erazo, S. 5582, 8190
Erdei, L. 153
Erdelmeier, C. A. J. 1962, 4564
Erdelská, O. 7451
Erden, M. 9299
Erez, A. 811, 873, 5002, 5013, 5804
Ergun, F. 9177
Erhun, W. O. 6441
Ericson, I. 948
Ericson, M. C. 3305
Eriksson, T. 400
Eriş, A. 983
Erismann, K. H. 4219
Erlandsen, T. 7814
Erlandson, G. W. 4852
Ermicheva, I. F. 3504
Ermilova, A. M. 9126
Ermolaeva, O. I. 6877
Ermolova, E. V. 4306, 8913
Erner, J. 2049
Erner, Y. 5679, 10070
Ernest, T. 4277
Ernst, R. 8049

Ertl, J. R. 4266
Ertola, R. J. 6043
Esch, T. A. 347
Eschrich, W. 1188-1189
Escobar, D. E. 2126
Escobar G., J. A. 6959
Escobar, J. R. 5653, 10226
Escobar, M. 5241
Esechie, H. A. 4760-4761
Eshankulov, Yu. E. 5672
Eshuys, W. A. 2841
Esnault, R. 4239
Esperanza, P. de la 5263
Espie, G. S. 6270
Espino, R. R. C. 3820
Esposito-Avella, M. 8159
Esser, J. 7890
Esser, R. P. 1413
Essig, W. 3509, 5417
Estabrooks, E. N. 1567
Estanove, P. 646
Esteban Alvarez, R. M. 5830
Esteban, R. M. 58, 3432, 7038
Esterhuizen, A. D. 9855
Estes, E. A. 3419
Estévez, A. 5668
Ethiraj, S. 5118
Etourneaud, F. 175, 6834
Etten, R. L. Van 2157
Etzenberg, K. 5847
European Association for Research on Plant Breeding, Section Ornamental 5797
European Communities, Courier-ACP-EEC 1444
Evaldsson, I. 3099
Evaldsson, I. E. 2656
Evangelisti, F. 6661
Evans, C. E. 4362
Evans, D. A. 5791
Evans, D. E. 336, 5277, 7816
Evans, F. J. 7267, 8158
Evans, I. M. 4255
Evans, J. L. 6015
Evans, L. E. 6966
Evans, L. S. 2491, 6960, 6978
Evans, L. T. 6210-6211, 7117
Evans, M. C. W. 3304
Evans, R. G. 4913
Evans, R. Y. 7905, 8085
Evans, S. 6998
Evans, T. A. 259
Evans, W. C. 575, 5601
Even, J. L 471
Evensen, K. 3512, 9820
Everat-Bourbouloux, A. 309
Everett, P. H. 2514, 4308
Evidente, A. 6250-6251
Evstigneeva, Z. G. 1046
Ewart, A. J. W. 5126
Eynard, I. 9577
Ezaki, N. 1250
Ezdakova, O. D. 10056
Ezhova, T. A. 2490
Ezoe, Y. 5819
Faarax, M. X. 576
Faas, W. E. 2882
Fabbri, A. 902, 3185, 6804, 8476
Fabre, H. 3218
Fabry, C. J. 5330
Faby, R. 4928, 4936, 7534, 7536, 9433, 9453
Facchini, U. 3037
Fachkommission für Obstsortenprüfung 3166-3167
Facino, R. M. 1858
Facteau, T. J. 3137, 4002
Fadda, A. 5261
Fadiga, S. 2952
Fadl, G. 1062
Fady, C. 5880
Faedi, W. 889, 3932, 5085-5089, 5092
Fagan, H. J. 2912
Fahl, J. I. 2988
Fahn, A. 6181
Fahn, W. 1947-1948
Failla, A. 3905, 4848
Faivre, Y. 8406
Faizi, S. 3596
Falade, J. A. 3784
Falasca, A. I. 2762
Falcón, M. F. 3733
Falconer, M. M. 1795
Falirea, A. 5634
Fall, R. 1547
Falloon, L. M. 9726
Falloon, P. G. 4280, 7826, 9726
Falsone, G. 7308
Faludi-Dániel, Á. 9593
Famous, N. C. 7121
Fan, F. 81, 5853
Fan, H. Z. 6340
Fanberstein, L. 9596
Fang, J. N. 1322
Fang, J. X. 7806
Fang, Q. 8289, 9994
Fang, W. C. 6696
Fang, X. 1295
Fangmeier, D. D. 1387, 8315
Fankhauser, B. L. 1236
Fankhauser, F. 5843, 9427
Fankhauser, I. 7366
FAO/IAEA 8451
Faraday, C. D. 8974
Farag, R. S. 5537
Faragher, J. D. 6324, 8083-8084, 8093, 8116
Faragó, E. 2722
Fardella, G. 1978
Fardelmann, D. 9227
Fare, D. C. 4444
Faretra, F. 3244, 4124, 5937, 8709
Fargerlund, J. 4652
Fargo, W. S. 9687
Faria, C. M. B. de 8931
Faria, S. M. de 4207
Farina, E. 1114, 1227, 4408
Fariñas, M. E. 4762
Farineau, N. 9627
Farming Mechanization 6757
Farnham, D. S. 7103
Farnsworth, N. R. 1295, 1358, 2618, 3668, 3713, 6410, 10008
Farooqi, J. A. 9209
Farouk, A. 1286, 3659, 4535
Farrar, S. L. 5555
Farre, J. M. 1392
Farsaie, A. 8491
Farthing, J. 4347, 9081
Farthing, J. G. 1756
Faruq, M. O. 4559-4560, 4588, 4780
Faruqi, N. A. 1438
Farzan, H. 6027
Fasheun, A. 5363
Fassbender, H. W. 10142
Fateeva, N. M. 8730
Fatile, I. A. 4722
Fatima, J. 1294
Fatkhullaev, D. Z. 9579
Fatta del Bosco, G. 2872
Fattorusso, E. 8233
Faturachim, P. 9217
Faulkner, D. F. 1378
Faulkner, J. S. 8011
Faust, M. 81, 3105, 3114, 3951, 5853
Faustov, V. V. 1556, 2166
Favaron, F. 1150
Favre-Bonvin, J. 3660, 3718, 4595
Fawusi, M. O. A. 1051
Fawzi, A. F. A. 7358
Fay, J. M. Le 4326
Faye, L. 5226
Fe, P. de la 7969
Fear, C. D. 6687
Fecker, L. 9970
Fedeli, E. 2066
Feder, Z. 7876
Federman, E. 1079
Fedorova, M. I. 2546
Fehér, A. 1725, 8892
Feicht, R. 7296
Feichtenberger, E. 7342
Feil, B. 8308
Feitosa, C. T. 3357
Fel'dman, A. L. 9620
Feldman, A. W. 619
Fel'dman, N. L. 6031
Feldman, W. R. 8312
Feldmann, P. 2956
Felecan, V. 1269
Feliciano, A. S. 8182
Felle, H. 9326
Fellman, C. D. 4974
Fellows, J. R. 961, 968, 3313, 7735-7736, 9673
Feltz, R. E. 3307
Femi-Onadeko, B. 1966, 8177
Feng, D. 9678
Feng, S. C. 1989
Fenn, L. B. 3262, 3551
Fennell, A. 1685
Férauge, M.-T. 893
Ferenbaugh, R. W. 2127
Ferguson, I. B. 4029, 6054
Ferguson, J. J. 9226
Ferguson, R. 4052
Fermanian, T. 8465
Fermor, T. R. 3008, 7077
Fernandes, A. C. 10211
Fernandes, H.-S. 4304
Fernandes, P. D. 9284
Fernández, A. 4593, 6036
Fernández, D. J. 5657
Fernández, E. 7036
Fernández, F. G. 7030, 7034
Fernández Falcón, M. 9908
Fernández-Gadea, F. 3608, 4591
Fernandez Galván, D. 9272
Fernandez, J. 633
Fernández, M. 662, 2073, 6469, 6491
Fernández M., R. 3267
Fernández, P. 4591
Fernández, T. 662, 2073, 6491
Fernando, T. 3385
Ferran, J. 8496
Ferrão, A. M. B. C. 8255
Ferrão, J. E. M. 8255
Ferrar, P. J. 10033
Ferrara, E. 3083
Ferrari, F. 1326
Ferrari, P. 2735
Ferraro, G. 1987
Ferraro, G. E. 1930
Ferraz, E. S. de B. 2265
Ferré, G. 6714
Ferree, D. C. 6701, 7630, 8521, 8536, 9439, 9448, 9498
Ferreira, H. I. S. 2078
Ferreira, J. M. 8855
Ferreira, L. A. B. 7414
Ferreira, M. de A. L. 6040
Ferreira, M. E. 6600
Ferreira, R. C. 1120
Ferreres, F. 2010
Ferreyra E., R. 3402
Ferri, F. 3464
Ferro, A. J. 1088
Fery, R. L. 8893
Fessler, A. 2107
Feucht, F. 1562
Feucht, W. 836, 2232, 2236, 7558
Feyen, J. 1074, 5037
Fi, J. 7010
Fi, K. H. 7010
Fiala, O. 6143
Fiala, V. 6240
Fichera, C. R. 3905, 4848
Fideghelli, C. 776, 3153, 3874, 9480
Fiebig, M. 1981, 3713, 8195
Fiedler, E. 230
Fiedler, F. 7504
Fiedler, H. 7610
Fiedler, W. 6798
Field, R. J. 1716, 1818, 5264
Fietz, W. 8273
Figlar, R. B. 1860
Figueiredo, M. B. 8960
Figueiredo, R. W. de 10225
Figueroa, M. 6456
Fiji, Ministry of Primary Industries 3021
Filer, T. H. 1618
Filgueira, R. R. 2716
Filimonov, A. A. 1002
Filip, I. 6838-6839
Filippis, L. F. de 2324
Filippone, E. 1067
Filippov, Yu. I. 4892, 4895, 9393
Filippova, E. L. 3993
Filiti, N. 9459, 9479
Filmer, C. L. R. 1890
Filsoof, F. 9527
Finch-Savage, W. E. 4138, 4334, 9617
Findenegg, G. R. 3455
Fineran, B. A. 9862
Fink, K. 310, 8869
Finkle, B. J. 2960
Finlayson, A. J. 8207
Fiola, J. A. 8656
Fiori, M. 6891
Fiorino, P. 8357, 8529
Firgany, A. H. 5268, 7358
Fischer, A. 2459
Fischer, B. B. 5928
Fischer, C. 89, 3087
Fischer, D. G. 1189
Fischer, F. C. 405
Fischer, G. 1263
Fischer, J. 7719
Fischer, M. 6178, 6276, 6312, 8513, 9869
Fischer, P. 1204, 5393, 5430, 6173, 9033
Fish, P. R. 2813
Fish, S. K. 2813
Fisher, D. G. 1188
Fisher, J. B. 1451
Fisher, K. H. 5132
Fisher, K. T. 33
Fisher, R. 1175
Fisher, R. W. 5069
Fisher, T. W. 1414
Fishman, G. M. 6329, 6511
Fisichella, G. 7341
Fiskell, J. G. A. 2528, 8331
Fisun, M. N. 2152
Fitsakis, T. J. 2436
Fitter, M. S. 1140
Fitzpatrick, G. 5483
Fjeld, T. 7963
Flaherty, D. L. 2315
Flatebo, G. 1627
Flechtmann, C. H. W. 1386
Flegg, P. B. 408, 1754, 3008
Flegmann, A. W. 2278
Fleisher, A. 5549
Fleisher, Z. 5549
Flemal, J. 1519
Fletcher, G. C. 3245
Fletcher, R. A. 3350
Fleurat-Lessard, P. 5528
Fleury, G. 7266
Flippen-Anderson, J. L. 9984
Flis-Bujak, M. 5410
Flore, J. A. 106, 2189, 7629, 8644, 9552
Florensa, P. 289
Flores G., A. 6865, 7396
Flores Lorenzo, J. 3645
Flores, R. 5663
Flori, P. 7677, 8857
Florini, E. 3184
Flurkey, W. H. 3070
Flyurtsé, I. S. 1401, 3230
Fo, M. V. de M. 3322
Fock, H. P. 8036
Foddai, A. 6891, 6893
Fodor, I. 7683
Fodor, P. 7683
Fokina, G. A. 8129
Folchi, A. 5053
Földesi, D. 7654
Folger, G. 7445
Follett, J. M. 6981, 7185
Folliot, M. 7394
Fölster, E. 1656, 1702, 7688
Fölster, H. 10142
Fomban, W. G. 4565

Fomum, Z. T. 1964, 4565
Fondren, W. M. 9618
Fong, H. H. S. 1980, 2618, 2710, 6410, 10008, 10015
Fong, R. 8207
Fontanari, N. 2964
Fonteno, W. C. 6197
Fontenot, D. B. 10209
Fontenot, J. F. 9063
Food and Agriculture Organization 4804
Food and Agriculture Organization of the United Nations 3
Fooshee, W. C. 1200, 2651
Forbes, S. 38
Forbus, W. R., Jr. 7875
Forche, E. 9970
Ford, R. C. 3304
Forestieri, A. M. 8224
Forgacs, P. 3685, 5637, 8239
Forino, L. M. C. 9464
Fork, D. C. 1683
Forkmann, G. 9817
Forlani, M. 3226, 4959
Formica, L. 3741
Fornalczyk, K. 5833
Fornarolli, A. A. 2965
Fornarolli, D. A. 2968
Fornasier, J. B. 2354, 3285, 3357
Forney, C. F. 1635, 5915
Forni-Martins, E. R. 7306
Forsline, P. L. 3232
Forster, R. 2460, 2954
Forster, S. 8869
Fortgens, G. 2674, 8100
Forti, M. 10042
Fortunato, I. M. 3308, 3339
Fos, E. 1608
Foster, H. L. 1490-1491
Foster, K. W. 8864-8865
Fötsch, G. 9199
Foucard, J. C. 471
Foucard, J.-C. 2621, 4433
Foucher, J. P. 2798, 5588
Fourcade, P. 6700
Fournet, A. 9157
Fournial, T. 8386
Fournier, D. 3207
Fournier, G. 1084
Fouse, D. C. 967, 2702
Fowke, L. C. 2772
Fowler, M. H. 1464
Fox, P. 9684
Fox, R. L. 3733
Foyer, C. 1718
Fragoso, M. A. C. 7414
Frahm, J. R. 51
Frain, M. 6256, 9857
Fraisse, D. 5717, 7699
França, G. V. de 3829
France, Centre Technique Interprofessionnel des Fruits et Légumes 5792, 7634, 9309
France, Institut de Recherches sur le Caoutchouc 3882
France, Institut National de la Recherche Agronomique 156, 2266-2267, 4096, 4975, 5120, 9483
France, Institute de Recherches pour les Huiles et Oléagineux 8404
France, Office International de la Vigne et du Vin 4807
France, Union Nationale Interprofessionnelle des Légumes de Conserve. 8455
Franceschetti, U. 2727
Franceschini, A. 6894
Franchuk, E. P. 7600
Francisco, C. 4549
Franck, F. 9710-9711, 9714
Franco, A. A. 4207
Francois, L. E. 4194, 8806, 9212
Frangi, H. 4017
Frank, J. R. 9297
Frank, R. 7448
Franke, P. 574
Frankel, H. 3208
Franken-Bembenek, S. 1599
Frankenhuyzen, A. van 9073
Franssen, J. M. 9848
Franz, G. 1354, 3867, 5427
Franz, R. 3124
Fraser, J. 9537
Frattini, C. 510, 5551
Frederick, J. J. 3552
Frederikson, R. E. 954
Freeborg, R. P. 1181, 1819
Freeman, B. 1460
Freeman, C. E. 2749
Freeman, G. H. 7469
Freeman, J. A. 6791
Freeman, S. 9442
Fregoni, M. 160, 180, 1653, 2328, 3239, 3241, 5110, 6825
Freimüller, M. 9455
Freitas, J. R. de 3840
Freitas, P. C. D. de 4589
French, C. J. 1223
French, J. C. 5464
French, J. V. 7346
French, O. F. 5131, 5650-5652
French, W. J. 9493
Frentzen, M. 8494
Frenz, F. W. 5165, 5429
Frett, J. J. 1129, 6215, 7166
Freyer, A. J. 601
Fric, V. 4524
Fricke, F. L. 3266
Friedmann, M. 7777
Friedrich, H. 6394
Friesen, G. H. 8127
Friesen, L. J. 869
Friis, E. 2479
Frink, C. R. 5370
Frischknecht, P. M. 681, 4742
Fritts, R., Jr. 792, 796, 6698
Fritz, D. 258
Fritz, K. A. 8383
Fritz, P. J. 3793, 8383
Frohne, D. 5793
Frómeta, E. 2840, 4629, 4660-4661, 5668
Frómeta Milanés, E. 6485
Fronczek, F. R. 611, 4573
Frosch, W. 4428
Fry, J. D. 7162-7163, 9028
Frýblová, Z. 9980
Frydrych, J. 6130
Fu, D. P. 1622
Fu Yuhu 9456
Fu, Z. A. 3528
Fuchigami, L. 6301
Fuchigami, L. H. 9086
Fuchs, E. 4041
Fuchs, H. W. M. 5501
Fuchs, M. 2846
Fuchs, Y. 8446
Fuente, G. de la 8290
Fugiwara, H. 9116
Fuhr, G. 3028
Fujieda, K. 7790-7791
Fujii, E. 9914
Fujii, T. 950
Fujimoto, N. 9152
Fujimoto, T. 2768
Fujimoto, Y. 9179, 10016
Fujimura, T. 3639
Fujino, H. 5631, 6407, 9152
Fujita, A. 1358, 10013
Fujita, K. 6368, 9471
Fujita, M. 9096
Fujita, S. 1264
Fujita, S. I. 7240
Fujita, T. 4344
Fujita, Y. 8770
Fujitsuka, T. 2181
Fujiura, T. 387, 2148, 2543
Fujiwara, T. 1706
Fujiyama, D. K. 5409
Fujuan Xu 949
Fukai, T. 2768, 2794, 9187, 10016
Fukai, Y. 8966-8967, 9781
Fukamiya, N. 3671, 10009
Fuke, C. 565
Fuke, Y. 8628
Fukuda, H. 9007-9008
Fukuda, S. 9188
Fukuda, Y. 9192-9193
Fukui, H. 4493, 5641, 8259, 9281
Fukumoto, M. 7546
Fukunaga, Y. 3603
Fukushima, K. 2794
Fukushima, S. 1367, 1952, 2807, 5635, 6368, 7300
Fukuyama, T. 8811, 9348
Fukuyama, Y. 3705, 4569
Fuller, G. L. 10094
Fuller, R. J. 27, 4860
Funaki, Y. 8968
Funakoshi, K. 2780
Funakoshi, T. 8338
Funamoto, T. 5463, 5467
Funayama, S. 562
Funes, E. 1385
Funnell, K. A. 8002
Funt, R. C. 5910, 8664, 9498
Fur, G. Le 3980
Furbank, R. T. 4218, 6883
Furgał-Węgrzycka, H. 2478
Furness, G. O. 4863
Fursa, D. I. 9571, 9575
Fursa, N. S. 5643, 6444
Fursa, T. B. 6016
Furuhachi, K. 5698
Furukawa, A. 7927
Furukawa, H. 1341, 1965
Furukawa, N. 9096
Furundžić, M. 8600
Furusawa, J. 2803
Furuta, E. 5524
Furuta, T. 3705
Furutani, S. C. 9125
Furuya, M. 1045, 5285, 5294-5295, 9806, 9870
Furuya, T. 3319, 5621, 8241
Fuska, J. 7304
Futami, S. 623
Fuwa, T. 9152
Gaash, D. 5893
Gaba, V. 3347
Gabal, M. R. 1020, 2513, 2544
Gabarra, R. 2345
Gabathuler, R. 7820
Gabelman, W. H. 7033
Gabibova, M. N. 7517, 7519
Gábor, G. 4099
Gabr, A. I. 7040
Gabr, M. F. 3766
Gabriac, B. 2376, 5198
Gabrichidze, Z. Sh. 2991
Gabriels, D. 6905
Gabriels, R. 2666, 4421, 6628, 8971
Gabryszewska, E. 3539, 5381
Gács-Baitz, E. 1910
Gad, A. A. 1039
Gadal, P. 4414
Gadea, A. 7404
Gadiev, R. Sh. 901
Gadomski, E. 3903
Gadoury, D. M. 84
Gaffney, G. R. 8625
Gaffney, J. J. 772, 8342
Gafur, M. A. 10177
Gage, D. A. 9137
Gage, E. 7346
Gaggioli, D. 4064, 5085, 5087, 5094
Gagliano, L. 5244
Gagnebin, F. 4164
Gahan, P. B. 321
Gaillard, J. L. 9377
Gaines, T. P. 8646
Gajbhiye, V. T. 221
Gajendra Nath Si 2823
Gajendra Singh 7408
Gajendragadkar, G. R. 4250
Galan S., V. 10119
Galán Saúco, V. 6513, 9272
Galati, E. M. 1332
Galeffi, C. 9988
Galensa, R. 5902
Galewsky, S. 1347, 2799, 10019
Galieva, G. 65
Galili, D. 1416, 7728
Galindo, J. J. 6525
Gallagher, I. M. 3304
Gallander, J. F. 4093, 6848
Gallego, R. 1270
Gallerani, G. 6665
Galletta, G. J. 7637, 8659
Galli, E. 1822
Galli, G. 1623
Galli, M. G. 3255
Gallina, D. 6020
Gallino, M. 9949
Galloway, C. M. 5228
Galston, A. W. 1546
Gamage, C. 8384
Gambár, L. 777
Gambaro, V. 1318, 4543, 8181
Gambini, F. 9046
Gamble, J. 6684
Gambrell, C. E. 105
Gamburg, K. Z. 1085
Gami, D. B. 6889
Gan, L. T. 3828, 7418
Gan, L. X. 7263
Gan Lian Tiong 3828
Ganapaty, S. 7275
Gandhale, D. N. 4257
Gandhi, M. 3724
Gandhi, S. K. 314
Gandini, G. 6998
Gandy, D. G. 3008
Ganenko, T. V. 6437, 8302
Ganeshan, S. 192
Ganeva, D. 1596
Ganguly, A. 1278, 3672
Ganguly, P. 2033
Ganguly, S. N. 10012
Ganguly, T. 10012
Gangwar, S. K. 762
Ganmore-Neumann, R. 1631
Gant, P. C. 6304
Gantimur, D. 8270-8271
Ganz, S. 10095
Gao, F. F. 9246
Gao, J. C. 1590
Gao, X.-Q. 1914
Gaona, S. A. 4036-4037
Gapiński, M. 4345
Gaprindashvili, G. V. 2312, 4114
Garan'ko, I. B. 6103
Garate, A. 7036-7037
Garau, R. 9601
Garay Alvarez, R. 7060
Garbarino, J. A. 1318, 4543, 8181
Garbutt, K. 9819
Garcia A., M. E. 3752
García-Alvarez, M. C. 4529, 4591
Garcia-Baudin, J. M. 3727
García Correoso, I. 394
García de Luján Gil de Bernabé, A. 185
García Espinosa, R. 4212
Garcia, G. 3980
García G., M. A. 7583
García, H. 8190
Garcia-Herdugo, G. 6874
Garcia-Huidobro, J. 9501
García-Luis, A. 2056, 5708
García, M. 6836, 6942
Garcia, M. 3723
García, M. D. 4575-4576
García, M. J. 8851
García-Martínez, J. L. 5707
García-Moya, E. 2815
García, N. González 7348
García P., R. 7051
García, R. 5582, 5659, 7425, 8190
Garcia, S. 3690
Garcia S., J. 10119
García-Sogo, B. 3340
García-Sogo, M. 3340
Garcia T., L. 303
García-Torres, L. 302
García, V. 9908

García Velázquez, A. 6542
Garcin, A. 99
Gardemann, A. 9634
Gardiboldi, P. 5725
Gardner, B. R. 5680
Gardner, J. M. 619, 4833
Gardner, P. D. 5712
Gardner, R. G. 3415
Garfagnoli, D. J. 2742
Garg, K. N. 8309-8310
Garg, O. K. 9700-9701
Garg, P. K. 1415
Garibaldi, A. 5440, 5451, 5939
Garibaldi, E. A. 1114, 4386, 4409, 5452
Garić, R. 2234
Gariepy, Y. 2400
Garita C., R. 1456
Garneau, A. 8665
Garnier, E. 5009
Garnier, J. 8307
Garrec, J.-P. 307-308, 422
Garrett, C. M. E. 6743
Garrison, S. A. 5304
Garrot, D. J., Jr. 8314
Garrot, D., Jr. 1387, 8315
Garte, L. 6148
Garth, J. K. L. 8637, 8672
Gartneryrket 8976
Garza-López, J. G. 6472
Garzoli, K. 9353
Garzoli, K. V. 3045
Garzón, A. 8407
Garzón Tiznado, J. A. 7060
Gascho, G. J. 2983, 3837
Gascó, M. A. 1998
Gascon, J. P. 4753
Gashugi, L. 1459
Gasia, M. C. 7224
Gašić, O. 580
Gaspar, J. 5111
Gaspar, T. 1781
Gasparotto, L. 8415
Gaston, C. M. 3266
Gatehouse, J. A. 4255
Gates, R. S. 829
Gathaara, M. P. H. 2916
Gati, G. K. 6096
Gatica de Mathey, M. 214
Gatin, Ž. 2149
Gätke, R. 825
Gato, A. 8295
Gatti, R. 7583
Gatto, L. 173
Gatut-Suprijadji 3799, 6534
Gaudreault, P. R. 8845
Gauer, R. C. 8464
Gaulliard, J. M. 6658
Gaultney, L. D. 2542
Gaur, B. K. 2825
Gaur, S. L. 719
Gautam, D. R. 2246
Gautam, N. C. 5561
Gautama, A. 508, 517
Gautier, J. 5206
Gautum, D. R. 3119
Gavalas, N. A. 1549
Gavrenkova, S. I. 9955
Gavrilina, Z. M. 6762, 6766, 8613
Gavrilović, J. 2228
Gavrish, S. F. 8911
Gavrishova, I. F. 5997
Gawęcka, M. 3989
Gaweęda, M. 8552
Gay, G. 168, 5951, 9577
Gay, J. B. 3064
Gayathri, K. 2447
Gaze, R. H. 3008
Ge, K. L. 3229
Ge, L. P. 8340
Ge, X. H. 1417
Gebauer, B. 2627
Geda, A. 5922
Geenen, J. 974
Geeson, J. D. 7056
Gefen, P. 9363
Gegg, C. V. 5192
Gegiou, D. 4369
Gehrmann, H. 2291
Geier, T. 8993
Geiger, H. 2498
Geissler, T. 359, 6152, 7692-7693
Gelder, A. de 1765, 9803, 9810
Gelderen, D. M. van 6594
Geller, G. N. 7167, 9868
Gellért, M. 7307
Gelmini, G. A. 2920
Gemente, A. C. 8430
Gendraud, M. 7725
Gendrier, J. P. 853
Genere, B. 8423
Generozova, I. P. 1585
Genevès, L. 1703
Gennai, D. 2620
Gennari, D. 8477
Gennari, M. 7677
Gent, M. P. N. 9758
Genta, W. 2517
Gentry, A. H. 1338
Gentry, C. R. 1612, 3154
Gentry, H. S. 2118
Genty, P. 8407
George, A. P. 7385-7386, 10181
George, C. 9984
George, G. 8627
George, J. A. 2982
George, J. B. 1462
George, M. K. 1724
George, M. V. 3615, 4710
George, R. 1260
George, R. A. T. 5988
George, T. E. 4769
George, V. 1345
George, W. L. 5349
Georgescu, M. 7659, 7659
Georgiev, Z. 7672-7673, 8705
Gepstein, S. 4241
Geraldson, C. M. 202
Gérard, M. 9934
Géraud, J. P. 6733
Gerber, J. 4051
Gerber, N. N. 8109
Gerbi, V. 5951
Gerday, C. 9713
Gerdes, H.-H. 3914
Gerhardt, K. O. 3157
Gerhardt, R. 9633
Gerhold, H. D. 1209
Gerloff, G. C. 7033
Germain, P. 5084
German, E. V. 2356
German Federal Republic, Deutsche Rhododendron-Gesellschaft 3013
German Federal Republic, Fachhochschule Weihenstephan und Versuchsanstalt für Gartenbau Weihenstephan 8456
Germanà, C. 2848, 5681
Germing, G. H. 3067
Gero, I. 4664
Gerrath, J. M. 9588
Gerrits, J. P. G. 2562, 7888, 8918, 8959
Gersani, M. 6191
Gerst, J. J. 5794
Gertsson, U. E. 2585, 3513
Gerus, A. 5905
Gessler, C. 5936
Gesto, D. V. 9481
Geyer, B. 8195
Gezerel, Ö. 4643
Ghaffar, A. 8807
Ghana, Cocoa Research Institute 2122
Ghanekar, A. S. 5533
Ghani, A. 4587, 5568
Ghanim, A. 1305, 1319, 4530
Ghazala, M. 1294
Ghazali, H. M. 4747
Ghazouly, M. G. El 7302
Gherardi, S. 10055
Ghijsen, H. C. H. 446
Ghilardi, G. 2891
Ghiotti, G. 1637
Ghisalberti, E. L. 2777
Ghogomu-Tih, R. 2004
Ghoneim, T. 8114
Ghonsikar, C. P. 2084
Ghorbel, A. 5226-5227
Ghosal, S. 443, 1315, 9208
Ghosh, A. 10005
Ghosh, A. K. 729
Ghosh, S. K. 2819
Ghouse, A. K. M. 2068, 3683, 8903
Ghufran, S. M. 4471
Ghule, D. B. 7439
Ghung, J. D. 6278
Giacomelli, E. J. 2945
Giacomelli, G. A. 9342, 9354
Giambelli, A. 3234
Gianfagna, T. J. 1581, 3149, 3968, 5021, 7136, 9020-9021
Gianinazzi-Pearson, V. 9505
Gianinazzi, S. 9505
Giannasi, D. E. 2103
Giannattasio, M. 8233
Giannelli, G. 3146, 4985
Giannone, M. 8354
Gianola, A. 2165
Gianotti, G. 2199
Gianquinto, G. 1075
Gibbons, W. A. 6432, 7254
Gibeault, V. A. 9027
Gibson, A. C. 9048
Gieling, Th. H. 9359
Giersch, W. 7241
Gietl, C. 6947
Gijbels, M. J. M. 405
Gil-Albert, F. 9409
Gil, J. 828
Gil Monreal, M. 185
Gil, Y. 6458
Gilad, S. 4451
Gilardi, R. 9984
Gilbert, S. 6595
Gilbertz, D. A. 8070
Gilfillan, I. M. 1429, 8344
Gill, A. P. S. 5387
Gill, C. K. 7850
Gill, D. S. 3757
Gill, P. A. 5901
Gill, R. 3642
Gillanders, K. 5520
Giller, Yu. E. 4258
Gilles, G. L. 5912
Gillespie, A. T. 7782
Gillespie, D. R. 140
Gillespie, J. 338
Gillett, J. M. 9564
Gilley, J. R. 5037
Gillham, D. J. 6976
Gilli, E. 3902
Gilliam, C. 1213
Gilliam, C. H. 2718, 4444
Gilliland, M. G. 2027, 4615, 10048
Gilly, G. 509
Gilreath, J. P. 252, 5097, 5436
Gilreath, L. E. 8589
Gilreath, P. 9606
Gilreath, P. R. 252
Gilstrap, F. E. 631
Giménez, J. L. 2158, 6993
Gimmler, H. 1676
Gimson, P. 2723
Giniger, M. S. 9342, 9354
Ginzburg, C. 4451, 7976-7977
Giordani, G. 8857
Giordani, R. 5585
Giordano, I. 6110
Giorgessi, F. 193, 3251
Giorgi, L. B. 7818
Giorgio, V. 1382, 3083
Giorgioni, M. E. 4427, 4846
Giovanardi, R. 1075
Giralda, A. Arias 9586
Girardon, P. 3720
Girenko, M. M. 6083
Giri, A. N. 2480
Girija, A. R. 5616
Girish, P. P. 6033
Girolami, V. 5941
Gislerød, H. R. 3315, 9010, 9042, 9121
Gitinovasov, M. M. 3193
Giulivo, C. 2165, 2319-2320, 9369, 9449
Giunchedi, L. 5035
Giunchi, L. 3151, 4064, 5011, 5038-5039
Giusta, R. 1191
Giustiniani, L. 7028
Given, N. K. 885
Gizýcka, D. 3363
Gjærum, H. 8569
Gjærum, H. B. 8631, 8973, 8978
Gladney, E. S. 2127
Glaetzle, W. 8045
Glas, R. 284, 2708, 8922, 9810
Glaser, T. 4322
Glass, R. J. 2834
Glaz, B. 5764
Glaze, N. C. 287
Glazova, M. V. 8130
Glebko, L. I. 5625, 6421
Gleddie, S. 7002
Gleizes, M. 5706
Glennie, J. D. 1499
Gleye, J. 4586
Gleyze, R. 6171
Gliessman, S. R. 4212
Glizhinskiĭ, O. V. 3131
Globerson, D. 7876
Glotter, E. 6546
Glover, N. 8392
Glund, K. 3448, 9759
Glushchenko, E. Ya. 6107
Glyzin, V. I. 9144
Gmelch, F. 5554
Gmitter, F. G., Jr. 9223
Gnagnarini, M. R. 3351
Gnevkovskaya, M. G. 3190, 4075
Gnezdilov, Yu. A. 9378
Go, J. T. K. A. 571, 6377
Gobbo, C. R. L. S. 2953
Goblet, M.-C. 1974
Gobran, G. 9514
Goda, Y. 8219, 9184
Goddrie, P. D. 1566, 9394
Godley, G. 113
Godovanyĭ, A. A. 1271
Godoy, G. 5767
Godoy Júnior, G. 3831
Godshall, M. A. 7440
Godziashvili, B. A. 2999
Goedegebure, J. 787, 5849, 9394
Goell, A. 2874
Goenadi, D. H. 2828, 3732, 6454
Goes, A. de 2864
Goff, D. A. 1709
Goffinet, D. 4927
Gogiberidze, A. A. 8323
Gogiya, R. V. 9108
Gogiya, V. T. 9108
Gogolashvili, L. A. 8351
Gogoleva, G. A. 9411
Goh, K. M. 2296
Goh, S. H. 8313
Gohar, M. 2473
Göhler, F. 7873
Goi, M. 1856-1857, 6282, 9920
Goix, J. 7710
Gökçeoğlu, M. 1804
Gold, S. E. 224
Goldbach, H. 4337
Goldblatt, P. 4405, 9785
Goldfeld, M. G. 1031
Goldhamer, D. A. 4888, 5065, 5928
Goldlust, A. 6074, 8882
Goldman, A. 6546
Goldman, R. S. 4589
Goldschmidt, E. E. 1416, 4622, 4866, 8336, 10087
Goldschmidt, Y. 8825
Goldschmit, E. 7728
Goldwin, G. K. 9460
Goldy, R. G. 3223
Goleniowski, M. 7716

Goliáš, J. 1589, 6727, 7009
Gollapudi, S. R. 1925
Gollnow, B. I. 986
Golob, J. 4525
Golodriga, P. Ya. 162, 909
Gološin, B. 3934
Golovatyl, A. I. 2304, 9563
Golovina, L. A. 6399
Golovinsky, E. 7868
Gomaa, H. M. 4303, 4314-4315
Gomes, A. R. S. 7400
Gomes, J. 4792
Gomes, J. A. 6519
Gomez-Aparisi, J. 5010
Gómez G., F. 591
Gómez-Garibay, F. 1339, 4573
Gómez-Guillamón, M. L. 988
Gómez, J. 997
Gómez, L. 10204
Gómez, V. 997
Goncharova, E. A. 5100, 6105, 7055, 7582, 9757
Gonda, R. 2101, 2502
Gong, J. W. 3853
Góngora, R. 8916
Gonsalves, D. 6841, 7580
Gonzáles, A. G. 1985
González, A. 9236, 9804
González, A. G. 8290
Gonzalez, A. G. 3687
González, G. 1480
González García, N. 7348
González, J. A. 5663
González, J. E. 10074
González, M. 4632, 4762, 10207
González, M. C. 6108
González, M. E. 6189
González, M. S. 2744
González Martínez, J. A. 7026
González Morgado, A. 10205-10206
González P., M. 3402
González, R. H. 8500
González Rosas, H. 2832
González Tejera, E. 6553
González, V. 1504
Goodchild, D. J. 3372
Goodenough, P. W. 3969, 6139, 8945
Goodman, L. A. 6949
Goodman, M. A. 3594
Goodwin, R. M. 7589
Goodwins, I. R. 6226
Gopa Ghosh 8209
Gopalakrishnan, P. K. 7287
Gopalan, M. 550
Gope, B. 6586
Gopikumar, K. 655, 6539
Gopinathan Nair, V. 1724
Gorakh Singh 3812
Gorbatenko, E. M. 2511, 4307
Gorbatenko, I. Yu. 2511, 4307
Gorchov, D. L. 4073
Gordeev, A. S. 6676
Gordienko, N. M. 5531
Gordillo, M. 1428, 4744
Gordillo Quesada, L. 394
Gore, B. 7818
Gorecki, R. J. 1037
Goren, R. 4223, 8336
Goretti, G. 3645
Gorgoshidze, G. M. 5667
Gorin, N. 8086
Gorina, V. M. 4040
Göring, H. 2594, 3028
Gorini, F. 866, 4948, 5026, 5050, 5072, 5078
Gorkom, H. J. van 8772
Görler, K. 4470
Gorobets, A. V. 6511
Gorobets, V. F. 1141
Gorodniĭ, N. M. 805
Gorovits, M. B. 6437, 8151, 8188, 8302
Gorovoĭ, P. G. 5625, 6421
Gorshkov, V. M. 5673
Gorshkova, T. A. 9716
Gorske, S. F. 472
Gorski, S. F. 964, 995, 9734
Gorsuch, C. S. 5059
Gorunović, M. 581
Goss, R. L. 8010, 8016
Gosselin, A. 5237, 6091, 6128, 8665
Gostimskiĭ, S. A. 2490
Goswami, A. K. 3119
Goswami, B. C. 9197
Goswami, B. K. 547
Goszczyńska, D. 3475, 7901
Goszczyńska, D. M. 3476, 3588
Goto, C. 5631
Goto, Y. 9649
Gotoh, S. 2626
Gotow, K. 6063-6064
Gott, K. A. 7885
Gottlieb, H. E. 6546
Gottlieb, O. R. 2811
Gottwald, T. R. 7576
Götz, W. 7068
Goubran, F. H. 10100
Gough, R. E. 7052, 9550
Goulart, B. L. 5910, 8664
Gould, R. 4363
Gould, W. A. 8912
Goulston, G. H. 3473
Gounaris, K. 42, 3302
Goursaud, J. P. 4117
Goushtina, L. 329
Govers, A. 1007, 6017
Govind Prakash 5535
Govindachari, T. R. 2016
Govindarajan, V. S. 2207
Govindra Singh 6961, 7862
Gowda, K. S. 6099
Gowda, M. T. G. 222
Goyal, M. R. 5312, 6092, 6871, 8754
Goyal, S. C. 6224
Goyal, V. 6224
Gözler, T. 8253, 9995
Gozob, T. 3994
Graaf, R. de 360, 5327
Graaf-van der Zande, M. T. de 5532
Graan, T. 2474
Grabowska, B. 4381-4382
Grabski, G. C. 2466
Grace, J. 3112
Graciano, P. A. 2969, 2971-2973, 2979
Gradner, U. 4378
Graf, E. 1968
Graf, H. 4910
Grafflage, S. 6886
Grafiadellis, M. 3054
Graham, D. Y. 3843
Graham, E. A. 8207
Graham, E. T. 5425
Graham, J. H. 2854, 3737, 3747, 9227
Graifenberg, A. 2526, 7028, 8043, 8832
Graille, J. 6452
Grajeda G., J. E. 7073-7074
Grajeda, J. E. 5733
Gram, K.-H. 858
Gramatica, P. 9978
Gramet, P. 8390
Gramling, H. M. 3579
Gramm, D. 6739
Gramotenko, P. M. 4094
Granberry, D. 7792
Grancharov, K. 7868
Grand, A. le 9959-9961
Grandberg, I. I. 1900
Grande, C. 5339
Grande, M. 1977, 4593
Grandi, M. 5032, 5035
Grandjean, M. 6943
Granell, I. 3340
Granelli, G. 5014, 5040
Granett, A. L. 3890
Grange, R. I. 1057, 1849, 6136
Granger, M. 4423
Granger, R. L. 2211, 2213, 4906, 7547
Granges, A. 8471
Grant, J. 3422
Grant, W. D. 7077
Grant, W. F. 2597, 7951
Grantz, D. A. 2474, 4240
Grantzau, E. 931, 1119, 6177, 6213
Graph, S. 8752, 8827
Grappelli, A. 1822
Gras, G. 1408
Grasselli, A. 898
Grassi, M. 866, 1048, 1423, 1425, 5026
Grassotti, A. 2578, 3479
Grattidge, R. 10174
Grau, J. 7480
Grauslund, J. 8509
Gravena, S. 684, 2918
Graves, C. H., Jr. 1618
Graves, C. J. 8837, 8925
Graves, G. H. 468
Gravninger, K. 8953
Gray, D. 3452, 3459, 5176, 7702-7703, 7757
Gray, S. E. 7638
Gray, W. 7636
Gray, W. H. 8616
Grayum, M. H. 2570
Grazer, H. 3329
Greathead, A. S. 243, 976, 5964
Greaves, A. J. 134
Grech, N. M. 2833
Grecu, V. 3214
Greef, F. T. de 7990, 9023, 9844
Greef, J. A. de 299, 5276, 8023
Green, C. D. 2550
Green, P. B. 6666
Green, P. S. 4802, 5796, 6269
Green, T. L. 5481
Greenaway, W. 4338
Greenaway, W. C. 3458
Greenberg, J. 1416, 10087
Greenberg, S. 10095
Greenberger, A. 9651
Greene, C. S. 3656
Greene, C. W. 3187
Greene, D. W. 817, 1569, 6722, 8499
Greene, G. M. 830
Greenfield, H. 4668, 5826
Greenland, R. 4805
Greger, H. 8172
Gregoriou, C. 2830
Greig, J. 5215
Greig, J. K. 8896
Grelen, L. B. 10209
Gremminger, U. 5836
Grenz, M. 590
Greppin, H. 7466, 8778, 9635
Gresser, A. 4526
Gresshoff, P. M. 5994
Grewal, G. S. 887
Grey-Wilson, C. 6308
Griensven, L. J. L. D. van 7889, 9780
Griesbach, K. 825
Grieve, A. 8329
Griffin, D. A. 6039
Griffin, M. 1859
Griffing, L. R. 2772
Griffith, C. J. 6878
Griffiths, H. 8018-8022
Griffiths, H. J. 4652
Griffiths, J. 1215
Griffiths, J. F. 1435
Griffiths, N. M. 8019, 8021
Grignon, C. 3751
Grigorenko, K. P. 9131
Grigoryan, A. A. 1109, 7086
Grill, D. 937, 3277
Grill, E. 9933
Grilli, A. 4991
Grillo, H. 9236
Grimes, E. W. 4127
Grimes, L. W. 9491
Grimmett, M. 7058
Grimmett, M. M. 8932
Grimmová, H. 7485
Grimstad, S. O. 475, 1216, 5456
Grinstein, A. 3208
Grishchenko, L. A. 9131
Grishina, M. S. 1939
Grisyuk, S. N. 1228
Grobbelaar, N. 5234
Grochowska, M. J. 9454
Grodzinski, B. 270
Grodzinskiĭ, D. M. 1720
Groen, N. P. A. 437-438, 2616, 9830
Groendijk-Wilders, N. 9050
Groene, J. de 3096
Groene, J. M. de 1560, 3094-3095
Groenwold, R. 2378
Groesbeck, S. J. 1243
Grogan, R. G. 2386, 7826, 9726
Gröger, D. 572
Gromov, A. N. 8781
Gromova, A. S. 6438
Gromová, Z. 8174
Grønborg, H. 8676
Groot, P. F. M. de 9841-9842
Groote, A. De 9077
Groote-Schaarsberg, A. 330
Gros, E. G. 561, 1293, 7280
Groshkov, I. 8080, 8082, 9087, 9909
Gross, D. C. 5881
Gross, G. A. 5630, 10030
Gross, K. C. 122, 386, 4299
Grosse, W. 1380
Grosser, J. W. 10061
Grossi, P. 3897-3898
Grossmann, E. 7304
Grossmann, G. 6739
Groth, I. 7179
Grotjahn, L. 223, 3139
Grout, J. M. 8642-8643
Grout, R. J. 5601
Grove, G. G. 7647, 8678
Gruber, J. 7938
Gruber, K. D. 1806
Grudina, R. 7027
Grueber, K. 9019
Grujić-Injac, B. 218
Grunau, J. A. 9607
Gründig, F. 6739
Grünhage, L. 3274, 4456
Grüntzig, M. 4041
Gruppe, W. 3875, 3995
Gruznyh, N. I. 987
Gruznykh, N. I. 987
Gryazev, V. A. 6679
Grzesik, M. 3591-3592
Gu, M. R. 8526
Gu, S. R. 1797
Gu, W. M. 1590
Gu, Y. 1557
Gu, Z. H. 3496
Guadalupe Luna, R. 6871
Guadarrama, A. 896
Guan, L. Q. 3575
Guaraldi, F. 2398, 7056
Guardiola, J. L. 2056, 5708
Guarnieri, A. 6115
Gude, H. 7981
Gudym, V. A. 7258
Guedes, L. V. M. 4786
Guého, J. 17, 4831
Guen, V. Le 8386
Guénard, D. 1296
Guerra L., M. 3364-3365
Guerrero Cruz, J. M. 9586
Guerrero Moreno, A. 7067
Guerrero-Prieto, V. M. 1603
Guerrero Rodríguez, F. 9586
Guerrier, G. 5489-5491, 6129, 6856
Guerriero, R. 4986, 5019
Guerrini, I. A. 6558, 6560
Guers, J. 3792
Guffy, S. K. 2401
Gufo, S. 5092
Gui, C. G. 8340
Gui, F. 1854
Gui, Y. L. 1797
Guiderdoni, E. 10208
Guido, G. 4108

Guidolin, J. C. 7433
Guignard, E. 2318
Guiheneuf, Y. 7526
Guijarro, R. 7425
Guilhem, J. 5637
Guillot, A. 5591
Guillot-Salomon, T. 9627
Guimarães, P. T. G. 2921, 6537
Guinaudeau, H. 601, 5609, 9157
Guinn, G. 9324
Guiraud, J. L. 8690
Gukasyan, G. B. 226
Gulati, N. K. 3627
Guler, A. P. 3247
Gulino, F. 3128-3129
Gul'ko, N. B. 7244
Gull, D. D. 4308, 6675
Gullino, M. L. 5451, 5939
Gültekin, E. 487
Gulumian, M. 4534
Gulyaev, A. G. 2299
Gülz, P. G. 10045
Gumilevskaya, N. A. 2481
Gumpf, D. J. 7321
Gunasena, H. P. M. 3854, 9935, 9940
Gunata, Y. Z. 4133, 4136
Gundidza, M. 7257
Gundlach, H. 1947
Gundy, S. D. van 2862
Gunjate, R. J. 4752
Gunjate, R. T. 2929, 3815, 4693, 4707
Gunning, B. E. S. 5448, 6875
Guns, M. 7687
Gunsé, B. 7800
Guo, J. 9500
Guo, J. Q. 9285
Guo, L. 3842
Gupta, A. 349, 351, 712
Gupta, A. K. 5182
Gupta, B. 1344
Gupta, B. R. 3811, 4949
Gupta, D. K. 3376
Gupta, D. N. 9972
Gupta, D. R. 6411
Gupta, G. K. 6712
Gupta, I. J. 4476
Gupta, J. 2658
Gupta, J. H. 3584
Gupta, L. C. 8310
Gupta, M. C. 8903
Gupta, M. M. 587, 7278, 9167
Gupta, M. N. 5598
Gupta, M. P. 8159
Gupta, M. R. 5748, 5887
Gupta, P. K. 1446
Gupta, P. P. 4087, 7389
Gupta, R. 8131
Gupta, R. C. 589
Gupta, R. K. 604, 1303, 1316, 2011, 4562, 10037
Gupta, R. P. 943, 4148, 4471
Gupta, R. S. 524, 1915
Gupta, S. C. 9998
Gupta, V. K. 1034, 4930
Guralnick, L. J. 5407
Gurevitch, J. 8046
Gurgel, M. N. do A. 708
Gurin, A. G. 4903
Gurkin, R. S. 399
Gurnsey, J. C. 9256
Gurtskaya, V. G. 8322
Gururaja Rao, P. N. 1505
Gusar, Z. D. 9620
Guseinov, Sh. N. 5124
Guseinova, S. O. 7151
Gusenleitner, J. 958
Gus'kov, A. V. 5274
Gusta, L. V. 1225
Gutierrez de Ravé, E. 3065
Gutiérrez, F. 7969
Gutiérrez, M. 7969
Gutsalyuk, O. D. 8911
Gutschick, V. P. 6629
Gutter, Y. 2880
Gutteridge, S. 7817
Guttormsen, G. 5205, 8787
Guy, M. 379, 8872
Guzhva, N. N. 6366, 6415
Guzmán, M. 6770
Guzmán Martínez, O. 679
Guzman, R. 890
Guzman, V. L. 960, 2382, 4160
Gvasaliya, V. P. 6582, 10222
Gvatua, E. B. 9108
Gwozdecki, J. 2272, 2280-2281
Győri, D. 179
Gysembergh, R. 9714
Gysi, C. 3318
Haag-Berrurier, M. 4465
Haag, H. P. 5975, 6551, 6558, 6560
Haan, P. de 10053
Haas, H. P. 6199
Haas-von Schmude, N. F. 8049
Habben, J. 5986, 6148
Haber, B. 4451
Habib, S. M. 4032
Habib-ur-Rehman 6371, 8285, 10027
Habibunnisa 2207
Habisch, D. 574
Habu, T. 2565
Haby, V. A. 8645
Hackbarth, H.-J. 5505
Hackett, W. P. 5700
Hadar, E. 2624, 9907
Hadar, Y. 364, 2368, 4310, 8841, 8915
Haddad, H. 7308
Haddad, N. I. 6969
Hadi, S. 1503
Hadiman 9191
Hadley, P. 7736
Haegeman, J. 435
Haenchen, E. 4449
Haeseler, C. W. 3217
Haff, L. A. 8719
Haffar, I. A. R. 279
Haffner, K. 7540
Hagan, A. K. 2718
Hagedorn, R. 3028
Haggag, M. N. 4030
Haggar, R. J. 447
Häggman, H. 2625
Haginiwa, J. 1983
Hagiwara, H. 9668
Hagiya, K. 8063
Hahlbrock, K. 501, 1252
Hahn, B. R. 4971
Hahn, E. 2344
Hahn, S. J. 5366
Hähndel, R. 3298, 6888
Haidar, S. A. 4356
Haisch, A. 8869
Hajdu, Z. 8282, 9139
Hajiwangoh, H. 1325
Hakerlerler, H. 2858, 5692
Halaba, J. 3484, 5380, 7906
Halbrooks, M. C. 9624
Hale, P. W. 4082
Haleem, S. A. 4669
Halevy, A. H. 416, 7139, 7900, 8999
Halfhill, J. E. 6291
Halford, M. E. 5913
Halim, H. 2944
Halin, F. 3711
Hall, D. A. 9747
Hall, D. O. 7447
Hall, F. R. 9391
Hall, J. L. 338, 4201-4202
Hall, M. A. 294-295, 336, 8866
Hall, M. C. 944
Hall, R. D. 4553, 6375
Hällbom, L. 1897
Halleux, D. de 1539, 3048, 9345
Halliwell, B. 4805, 5196
Halpern, S. 1703
Hamada, M. 5437
Hamada, T. 1366, 3543
Hamamoto, A. 5219
Haman, D. Z. 7059
Hamar, N. 7031
Hamasaki, F. 7279
Hamayel, A. F. 9336
Hamburger, M. 5624
Hamdorf, G. 9520
Hameed, A. S. 4692, 4709
Hamer, P. J. 1568
Hamer, P. J. C. 798, 7523, 7543
Hamerschmidt, I. 3453, 3726
Hamid, G. A. 2862
Hamid, S. 7430
Hamied, A. A. 3521
Hamilton, A. P. 5398
Hamilton, J. H. 760
Hamilton, R. L. 3133
Hammat, M. T. 2214
Hammer, P. A. 7129, 7892, 8987, 9895
Hammerschlag, R. 5484
Hammond, J. B. W. 1103, 2564, 3008
Hammouda, F. M. 8301
Hamzé, M. 7336-7337, 10063
Han, B. H. 5620
Han, G. S. 5231
Han, I. S. 2639, 2713
Han, N. L. 1852
Han, X. 79
Han, X. B. 7263
Han, Y. 344
Han, Y. L. 8559
Han, Y. N. 5620
Han, Y. Y. 7285
Hanamashetti, S. I. 3783, 4701
Hanan, J. J. 6643, 7104
Hanauer, K. A. 1377
Hanchey, S. H. 1888
Hancock, J. 8663
Hancock, J. F. 6793, 7640, 8658, 8684
Hanczakowski, P. 4277
Hand, D. W. 2385, 2432-2433, 7776
Handa, A. K. 6134
Handa, S. 6134
Handa, S. K. 980
Handley, L. 3377
Handschack, M. 8522
Hanger, B. C. 5806
Haniuda, T. 3089-3090
Hanke, V. 3120
Hanks, G. 5442-5443, 9852-9853
Hanks, G. R. 1814, 2623, 7993, 9843
Hannay, J. W. 6639-6640
Hannen, M. 9430
Hano, Y. 2768, 2794, 8262
Hanocq, M. 2790, 5627
Hanounik, S. B. 4228
Hänsel, R. 6445
Hansen, B. 1875
Hansen, H. 2215
Hansen, J. 6261
Hansen, L. 3069, 3563
Hansen, P. 7597
Hansman, D. 6680
Hansmann, P. 7956
Hanson, E. J. 865
Hanson, J. B. 8763
Hanson, S. D. 5302
Hanumaiah, T. 1257, 1925
Hanuman, J. B. 8304
Hanuš, V. 9981
Hanyu, J. 1541, 7489
Hanzlik, T. N. 1135
Hao, X. J. 1933
Haq, Q. N. 4792
Haq, S. 8938
Haque, M. A. 657
Haque, M. E. 10177
Hara, T. 8941
Harada, H. 6229, 9150
Harada, M. 1461
Harahap, R. 2089
Haramaki, C. 6175, 6286
Harat, Z. 6458
Harbaoui, Y. 365, 3057-3058
Harbaugh, B. 6272
Harbaugh, B. K. 3488, 5388, 7129
Harber, R. M. 9086
Harborne, H. B. 235
Harborne, J. B. 7096, 7917, 8077, 8492, 9785, 9791
Harcharan Singh 6484
Harder, L. D. 3540
Hardiman, R. T. 2451-2452
Hardin, J. W. 9093
Harding, J. 7111
Harding, W. R. 4734
Hardison, A. C. 5697
Hardjo, S. 2077
Hardjono, A. 6557, 9260
Hardman, R. 4594
Hardt, R. A. 7219
Hardwick, K. 670
Hardy, G. E. St. J. 6190
Hari Babu, R. 5
Hari Singh 5320, 8816
Haribal, M. M. 1328
Haridas, G. 6556
Hariharan, M. 3619, 4716
Haris, U. 10184-10185
Harjosuwito, B. 2079
Harkema, H. 7921
Harkes, P. A. A. 571, 4590, 5638, 6377, 8298, 9989
Harkiss, K. J. 3679, 9993
Harm, U. 5519
Harman, G. E. 1037, 2368
Harmischfeger, G. 1313
Harms, H. 8731
Harney, P. M. 1241, 1780
Haro, L. 2882
Haro, P. A. 2458
Harper, D. B. 4671
Harper, G. 2286
Harris, G. H. 1882
Harris, M. K. 3179
Harris, P. J. 7955
Harris, S. 9277
Harrison, D. A. 5611
Harrison, D. S. 3467
Harrison, H. C. 6022, 6151, 6900, 9664
Harrison, M. A. 5346
Harrison-Murray, R. S. 5842
Harsana, H. S. 6971
Harshemesh, H. 2065, 10106
Hart, E. R. 1208
Hart, R. W. 5204
Hart, W. G. 631
Harte, C. 2575
Hartley, M. J. 5005, 5077
Hartman, J. R. 8653
Hartman, P. L. 8929
Hartmann, C. 1615
Hartmann, H. D. 2383, 2498, 3389, 5355, 7886
Hartmann, P. E. Q. 845
Hartmann, W. 124, 863-864, 8614-8615, 9526
Hartrath, H. 7739, 9650
Hartsell, P. L. 644
Hartsock, T. L. 6265
Hartung, A. 1673
Hartung, W. 8957
Hartz, T. K. 3331, 6939
Haruna, M. 5600
Haryati, T. 2079
Has, C. 9194
Hasan, M. 4529
Hasan, Z.-U. 5647
Hase, T. 3603, 6325, 9671
Haseeb, A. 7847-7848
Hasegawa, A. 1856-1857
Hasegawa, K. 9671-9672
Hasegawa, N. 9053
Hasegawa, P. M. 6134
Hasegawa, S. 2054, 3755, 7353, 9238
Hasek, R. F. 7094
Hashem, M. E. 4455
Hashim, H. 4747
Hashim, I. 6563, 8416
Hashim, Z. N. 2449
Hashimoto, S. 7762
Hashimoto, T. 8250, 8252, 8258

Hashimoto, Y. 9348
Hashinaga, F. 2269, 2879, 6950
Hashmi, S. 8807
Hasma, H. 9290
Hass, I. 1132, 1138, 4452, 7085
Hassan, A. A. 8906
Hassan, A. B. 559
Hassan, A. H. bin 1493
Hassan, F. A. 5242
Hassan, F. M. 2513, 2544
Hassan, H. A. 2610-2613
Hassan, M. 3367
Hassan, S. M. 4303, 4314-4315
Hassanein, D. E. 5537
Hassanen, S. M. 2513, 2544
Hatakeda, K. 6347
Hatayama, T. 4915
Hatfield, R. 8319
Hatheway, W. H. 8076
Hattingh, M. J. 5141
Hatton, T. T. 5156
Hattori, M. 556, 3664
Hattori, T. 7722
Hattori, Y. 2013
Haugstad, M. K. 2730
Haupt, G. 1068, 6935
Hauptman, R. M. 4340
Haussling, M. 181
Hautala, E. 5342
Havaux, M. 5271
Havel, L. 4813
Havelange, A. 9939
Havlicek, R. 459
Havran, J. 4524
Haw, S. 8111
Hawker, G. M. 7631
Hawker, J. S. 765, 8905
Hawker, M. F. J. 3868
Hawkins, A. F. 4812
Hay, C. A. 5595
Hay, S. 3960
Hayakawa, S. 1518
Hayakawa, T. 229
Hayashi, K. 1317, 1321, 4203, 9036, 9168
Hayashi, M. 6649, 7373, 7488
Hayashi, T. 3352, 8232, 10002, 10013
Hayashi, Y. 1774
Hayata, S. 8338
Hayman, D. S. 941, 7708
Haynes, R. J. 2296, 4071, 5081-5082, 7614, 9551
Hazarika, M. 5781-5782, 8432
Hazelrigg, A. L. 8683
He, C. K. 9117
He, L. 6385
He, Q. L. 1922
He, S. A. 1557
He, W. S. 4242
He, X. D. 7109, 7195
Heald, J. K. 383
Heale, J. B. 2388
Healy, W. 9019
Healy, W. B. 2856-2857
Hearn, C. J. 2042
Heath, M. C. 4247
Heath, R. L. 4218
Heatherbell, C. J. 5546
Heatherbell, D. A. 3876, 7653
Heaton, E. K. 9517
Hebblethwaite, J. F. 170
Hebblethwaite, P. D. 315, 4247, 6072, 6259
Heber, U. 1676, 7047, 7475
Hecht-Buchholz, C. 1263
Hecker, E. 1325
Hedden, S. L. 1422, 1432, 2048
Hedegus, P. 6697
Hedge, D. M. 8198
Hedin, P. A. 1618, 10046
Hedrich, R. 7811
Heemst, G. J. van 2219
Heer, H. de. 1576, 1577
Heft, L. 6593
Hegde, B. A. 7434
Hegde, D. M. 9161
Hegde, M. 4701
Hegde, R. K. 2504, 4579
Hegedus, L. S. 7176
Heiba, H. I. 5575
Heiberg, N. 7598
Heide-Jørgensen, H. S. 9823
Heide, O. M. 6210-6211, 7117
Heide, W. 825
Heidemans, C. 1805, 2583, 5434
Heighway, N. 4987
Heij, G. 2414
Heijden, R. van der 4590, 5638, 8298
Heikal, M. 2707
Heil, M. 9436
Heile-Sudholt, C. 8625
Heima, K. 7416
Hein, K. 9522
Heine, H. 8818
Heineke, D. 9633
Heinrich, G. 9952
Heins, R. D. 5392, 5401, 6205, 7193
Heinsch, G. 1702
Heinze, W. 1108
Heise, P. 37
Heiser, C. B., Jr. 8720
Heissner, A. 7773
Held, W.-H. 785
Heldt, H. W. 1679-1680, 1719, 9633-9634
Helgeson, D. L. 4852
Helle, W. 5795
Heller, W. 4484
Hellin, E. 627, 7338-7340
Hellman, J. L. 3570
Helmlinger, J. 981
Helsper, J. P. F. G. 9841-9842
Hemantaranjan, A. 9700-9701
Hemmerle, G. 6789
Hemmers, H. 10045
Hempel, M. 3466, 3494, 3539, 5381-5382
Hemphill, D. D., Jr. 8823
Hemrika-Wagner, A. M. 7981
Henderson, D. M. 1143
Henderson, D. W. 4331
Henderson, J. C. 9743
Hendrich, W. 334
Hendricks, D. R. 8059
Hendriks, C. H. M. 7990
Hendriks, H. 2746, 3682, 6443
Hendriks, L. 1117, 1119, 1122, 1222, 5505, 6177, 8983, 9015
Hendriks, T. 4357
Hendrix, J. W. 8653
Hendrix, T. 6124
Henis, Y. 7887
Henkel, C. 5956
Henley, R. W. 7168
Hennart, J. W. 5163
Hennerty, M. J. 6718
Henning, G. L. 2852
Henny, R. J. 1200, 2651, 7171, 9874, 9876, 9885
Henrico, P. J. 3271
Henriksen, K. 8722
Henry, E. W. 8863
Henry, F. E. 4082
Henry, M. 1361
Hensel, W. 9000
Hensen, K. J. 9050
Hensley, D. L. 2679, 9743
Hensz, R. A. 4626
Hentig, W. U. 3502
Hentig, W. U. von 1132, 1887, 4452, 6178, 6312, 7085, 8071
Hentschel, K.-D. 3326
Henzell, R. F. 6780
Hepher, A. 2604-2605
Hepperly, P. R. 682
Hera, C. 8488
Heras, L. 844, 3152, 6668
Herath, H. M. E. 2896
Herath, H. M. W. 4606
Heravi, G. 8166
Herbert, C.-D. 757
Heredia Zepeda, A. 6876, 7067
Hering, F. 9999
Herklots, G. A. C. 8996, 9675
Herman, A. G. 1991
Herman, Z. 2054, 3755, 7353, 9238
Hermann, P. 9024
Hermoso, J. M. 1392
Hernández, A. P. 9237
Hernández Abreu, J. M. 6523
Hernández Córdoba, M. 30
Hernández, E. 5733
Hernández, J. 7969
Hernández, L. 2010, 3611
Hernández López, E. 394
Hernández, M. 7774
Hernández, O. 3746, 4642
Hernández Rivera, L. 6541
Hernández, T. 6522
Herner, R. C. 1443, 7870
Herold, B. 6729
Herout, V. 5543
Herregods, M. 8745
Herrera, D. 9644
Herrera G., G. 9698
Herrera, H. J. 5102
Herrera Isla, L. 1475, 6473
Herrick, R. M. 7161
Herrington, M. E. 3414, 4187, 4204
Herrmann, K. 870, 5902
Herrmann, K. M. 1746
Herrmann, L. R. 5824
Hertel, R. 5257
Hertogh, A. A. de 9833
Hertwig, K. von 2458
Hervás, M. 1671
Hervis, N. 5663
Herzlinger, G. 8752, 8827, 8917
Herzog, B. 1679
Hesen, M. 7075, 7750
Hesen, M. W. A. 6899
Hesketh, T. 9367
Heslop-Harrison, J. 7950
Heslop-Harrison, J. S. 7950
Heslop-Harrison, Y. 7950
Hess, B. 8605
Hess, C. E. 749
Héthelyi, E. 6382
Héthelyi, I. 8128, 8146, 8299, 9128
Hetherington, S. J. 8419
Hetman, J. 3555, 4370
Heungens, A. 9085
Heursel, J. 1224, 1868, 7197
Heuser, C. W. 1794, 9813
Heuveldop, J. 10142
Hewitt, J. D. 5351
Heyerdahl, R. 5061
Heyting, J. 7120
Hiai, S. 9153
Hibben, C. R. 9079
Hicklenton, P. R. 9811
Hickman, G. G. 7225
Hicks, G. 4416
Hicks, J. R. 2365, 2401, 8848
Hidaka, K. 8433
Hidalgo, A. 6874
Hidalgo, C. 3998
Hidalgo, L. 906
Hideg, E. 9593
Hieke, K. 1870, 9900
Hifnawy, M. S. 6453
Higaki, T. 5411
Higashi, K. 2626
Higgins, J. 6015
Higgins, J. M. 3187
Higgs, K. H. 2192, 6709
Higuchi, T. 2800
Hijwegen, T. 8842
Hikino, H. 593, 597, 1323, 2013, 4539, 5639, 6442, 8195, 8208, 9612, 10002-10003
Hikino, Y. 6442
Hilaire, C. 1608
Hildebrandt, V. 1241
Hildmann, H. 1077, 4839, 5334
Hildreth, R. C. 7727
Hilgenberg, W. 981
Hill, H. J. 2510
Hill, S. J. 6686, 9387
Hiller, K. 574, 2757, 2806, 9199
Hiltmann, E. 6111
Hiltunen, L. 3686
Himelrick, D. G. 7646
Himelrick, D. H. 8682
Himme, M. van 78, 137, 145, 216, 234, 246, 251, 264-265, 397, 413, 470, 1017, 4912, 5213, 5240, 5374, 7701, 7730, 7743, 7751, 7799, 7879
Hincha, D. K. 6885
Hinckley, T. M. 6287
Hind, G. 9636
Hindsgaul, O. 1931
Hinman, C. W. 9210
Hipkins, M. F. 4447
Hippe, J. 8732
Hirabayashi, S. 2687
Hiraga, Y. 7301, 8244
Hirai, A. 9072
Hirai, Y. 6273, 9151
Hirakura, K. 2794, 10016
Hirano, H. 2626
Hiraoka, A. 9191
Hirata, N. 8604, 9507
Hiratsuka, S. 8604, 9507
Hirayama, F. 2780
Hirayama, T. 3694
Hiremath, P. C. 2810, 4579
Hiremath, S. V. 4579
Hirobe, M. 623, 2844, 2851
Hiroce, R. 2313, 7331
Hironaka, K. 211
Hirose, K. 9239, 10064, 10089
Hirota, M. 211, 8604, 9507
Hirschfelt, D. J. 4090
Hirvi, T. 4085
Hisada, S. 1886
Hisajima, S. 1776
Hiyama, H. 5888
Hizal, A. Y. 4643
Hlišč, T. 8624
Hnatyszyn, O. 1987
Ho, C. T. 5368, 7235-7236
Ho, C. Y. 3828, 7418
Ho Chai Yee 3828
Ho, K. K. 1205
Ho, L. 2534
Ho, L. C. 7866, 9765
Ho, T.-H. D. 4240
Ho, T. I. 9182
Ho, Y. S. 462
Hobé, J. H. 333
Hobman, F. R. 723
Hochmuth, G. J. 7690, 9606
Hock, B. 4429, 6947
Hocking, D. F. 4146, 4192
Hocking, P. J. 8106
Hocking, T. J. 8873
Hocquemiller, R. 1331, 2798
Hodges, C. F. 9860
Hodgins, M. W. 868
Hodgkin, T. 3879
Hódosy, A. S. 4197
Hoekstra, F. A. 5404, 7940
Hoelper, A. L. 5080
Hoeven, A. P. van de 6271
Hof, N. A. A. 438, 5444, 9846-9847, 9850
Höfer, E. 7945
Hofer, O. 8172
Hoff, J. E. 8719
Höffler, J. 3894
Hoffman, N. E. 43
Hoffman, T. 949
Hoffmann, J. J. 605
Hoffmann, M. 4360
Hofman, P. J. 7317
Hofmann, C. 6204
Hofmann, G. 6204
Höfner, W. 5692
Hofsten, A. V. 1897
Hogan, L. 8312
Hogg, M. G. 2500
Hogue, E. J. 8530, 9429

Hohlfelder, M. 5435
Hoitink, H. A. J. 6179
Holanda, L. F. F. de 10225
Holcomb, E. J. 1125, 2592, 7199, 8986
Holdsworth, D. 6349, 9963
Holgate, M. E. 9441
Holík, K. 2355, 5168
Hollá, M. 8138
Holland, D. A. 3174
Holland, N. S. 1728
Holland, P. T. 883, 2286-2287, 9532
Hollier, C. A. 10209
Hollingsworth, M. H. 2187
Holloway, P. S. 3201
Holloway, W. D. 7383, 9256
Holmquist, J. de D. 4804
Holst, G. J. van 40, 8858
Holstead, C. 8088
Holsteijn, G. P. A. van 2135, 2139, 7476-7477
Holsteijn, S. P. F. van 7476, 8473
Holt, J. E. 827
Holthe, P. A. 460
Holtum, J. A. M. 2371
Holub, M. 9370
Hołubowicz, T. 1570, 4019
Hölzl, J. 9921
Homa, H. 2177
Hombre, R. de 4748
Homes, J. J. 3570
Hončariv, R. 10014
Honda, F. 1634
Honda, G. 3640, 9189
Honda, T. 4550
Honda, Y. 208, 4285
Hondred, D. 277
Hong, H. 9994
Hong, K. H. 2639, 3168, 5055, 6252
Hong, Q. Z. 2060
Hong, S. B. 3168
Hong, T. D. 3076
Hong, V. 5083
Hong, Y. P. 2617
Hong, Z. 2733
Honkanen, E. 4085
Honma, S. 9770
Honore-Thorez, D. 3676
Hood, C. E. 8734
Hood, N. D. 3616
Hoof, R. van 9707
Hoogeveen, M. G. 9863
Hoong, C. W. 3827
Hooper, A. W. 4857-4858, 9355
Hooper, R. L. 3215
Hoopingarner, R. 1583
Hootele, C. 3711
Hoover, E. E. 7636, 8616
Hoover, W. S. 6231
Hope, A. B. 3377
Hopfer, J. 3124
Hopkins, D. L. 7675
Hopkinson, J. 1783
Hopmans, P. A. M. 2188
Hopper, D. A. 5401
Hoque, M. M. 354
Horansky, Zs. 1538
Horbowicz, M. 3263
Horgan, R. 383
Horhorysak, J. A. 7938
Hori, Y. 5155
Horikawa, T. 1513
Horita, H. 8432
Horn, D. H. S. 7253
Horn, W. 6212, 6217
Horner, H. T. 45
Hornok, L. 9139
Horntvedt, S. 9103
Hornus, P. 2936
Horobin, J. 6266
Horoyan, J. 9416
Horst, G. L. 3262, 3551
Hortig, M. A. 7152
Hortigüela, M. D. 8276
Horton, P. 332, 1718
Horton, R. F. 9815
Horvat, R. J. 6797
Hösel, W. 1135
Hoshina, S. 1683
Hoshino, M. 5888
Hoshino, T. 5378
Hosier, M. A. 1627, 4974
Hosking, W. J. 2856-2857
Hosokawa, A. 663-664
Hosoki, T. 5437
Hoson, M. 8268-8269, 9975
Hosozawa, S. 596
Hossain, G. 4792
Hossain, M. E. 4560, 4588, 4780
Hossain, S. M. M. 354
Hošták, I. 6736
Hostettmann, K. 579, 5624, 10026
Hoth, A. 5427
Hou, L. L. 3684
Hou, S.°C. 8081
Hou, Y. H. 2779
Houck, L. G. 644
Hough, L. F. 3145
Houghton, P. 6502
Houghton, P. J. 1307, 3598, 9170-9171
Houghton, W. J. 6246
Houle, M. E. 106
Houngbossa, S. 2941
Hovind, J. 9068-9069
Howard, C. M. 146, 2292, 5091
Howard, G. E. 4102
Howard, L. R. 7874
Howarth, C. J. 295, 8866
Howe, T. K. 2393, 2514, 2598, 4308, 8891
Howell, G. S. 1642-1643
Howie, R. A. 4568
Hoy, J. W. 10209
Høyer, L. 3516, 8107
Hoying, S. A. 2185
Hraskó, I. 1750, 2553
Hribar, J. 8572, 8606
Hruskocy, M. 3070
Hrutfiord, B. F. 8076
Hsieh, S. P. Y. 4384
Hsieh, W. H. 4174
Hsienkai Wang 1845
Hsu, F.-L. 2784
Hsu, H.-Y. 1163
Hsu, S. Y. 2095
Hu, D. Y. 6685
Hu, H. 8810
Hu, J. J. 6340
Hu, S. Y. 1726, 3073
Hu, Y. S. 3575
Huang, A. Z. 3573
Huang, B. H. 2566
Huang, B. K. 9360
Huang, B. Y. 248
Huang, D. L. 908
Huang, H. 1434
Huang, H. B. 2052, 8349, 9246
Huang, J. 8559
Huang, J. W. 3346
Huang, S. 6302
Huang, S. P. 2041
Huang, S. Q. 2012
Huang, Y. M. 5687
Huang, Z. H. 9892
Huang, Z. Y. 6696
Huault, C. 8815
Hubáček, J. 9562
Hubay, R. 8199
Huber, D. J. 7049, 8746
Huber, S. C. 5256
Huberman, M. 298
Huchzermeyer, B. 3299
Hucklesby, D. P. 3967
Hudson, J. B. 8207
Hueso-Rodríguez, J. A. 4591
Huet, R. 5660
Huett, D. O. 7032
Huetteman, C. A. 8625
Huff, A. 7352, 10094
Huggins, B. J. 327
Hughes, A. 4181
Hughes, H. G. 8657
Hughes, J. S. 7807
Hughes, S. 5457
Hugon, R. 5695
Huguet, C. 6759, 6837
Huguet, J.-G. 87
Huh, K. Y. 5460
Huijs, J. P. G. 2133
Huizing, H. J. 3893
Huizing, J. 3063
Hull, L. A. 3108, 3955
Hulst, C. T. C. van der 9848
Human, C. 2877
Hume, L. J. 2856-2857
Hummel, M. L. 5057
Hummel, R. L. 7171
Hundt, I. 7723
Hungary, Növénytermesztési és Minősítő Intézet 20
Hunt, D. R. 8042
Hunt, G. M. 2131
Hunt, N. 8373, 10117
Hunt, P. 3621
Hunt, R. 2385
Hunt, S. 5188
Hunter, J. McC. 277
Hunter, M. 1832
Hunter, R. E. 3177
Huo, T. X. 8559
Huq, F. 4472
Hurbe-Chiñas, F. A. 4612
Huret, F. 1544
Hurka, W. 1242
Hurley, A. K. 9434, 9704
Hurney, A. P. 5773
Hurst, W. C. 7792, 8766
Hurtado, S. 5765
Husain, A. 1912, 5599
Husain, S. I. 372
Hüsemann, W. 2793
Husistein, A. 5836
Hussain, A. M. 553
Hussain, B. 4472
Hussain, F. 5606
Hussain, M. G. 10177
Hussain, R. A. 1895, 2808, 7307
Hussein, A. H. 7356-7357
Hussein, A. M. 582, 4030, 4688
Hussein Ayoub, S. M. 3648-3649
Hussein, M. M. 4229, 5268
Hussey, N. W. 8439
Hussey, R. B. 2497, 9815
Husung, K. R. 2106
Hutauruk, C. 1485, 1487-1488, 2931-2934, 2942-2943
Hutcheon, J. A. 9441
Hutchinson, D. J. 2042
Hutchinson, I. 5455
Hutchinson, J. F. 4899, 8054
Hutchinson, T. C. 6914
Hutchison, D. J. 621
Hutin, M. 2798, 9969
Hutmacher, R. B. 5331, 5333
Hutomo, T. 6527
Hutsby, W. 5201-5202
Hutt, T. F. 4204
Hutton, M. G. 3333
Hutton, R. C. 6868
Hutton, R. J. 7325
Huţu, M. O. 7657
Huvenne, J. P. 7266
Hwang, Y. S. 1650
Hylands, P. J. 8170
Hymete, A. 7288
Hyodo, H. 7787
Hyude, G. M. 95
Iacono, F. 163, 167, 174, 1653, 2328
Ianacone, J. 1843
Iancu, M. 2175
Iapichino, G. 5244, 6806
Iauk, L. 8222
Ibadov, O. V. 7151
Iball, J. 4434
Ibarra, G. 2989
Ibarra, L. 3761, 9241
Ibe, M. I. 5363
Ibragimov, A. A. 6413-6414
Ibragimov, V. Kh. 2193
Ibrahim, A. A. 5166
Ibrahim, A. M. F. 4030, 4688
Ibrahim, S. A. 1052
Icekson, I. 4267, 6074, 8882
Ichikawa, K. 8219
Ichiki, K. 5691
Ichimura, H. 8907
Ichino, K. 1336, 9916
Ida, Y. 1346, 6273, 8264
Ide, J. 4203
Ide, J. P. 7818
Idilbi, M. M. 7266
Idso, S. B. 5466
Idstein, H. 695
Iezzoni, A. F. 3133, 3988
Igbavboa, U. 2793
Igbokwe, P. E. 9730
Iglesias, I. 6958, 8197
Iglesias, J. 4158
Ignat'ev, A. R. 1360
Ignat'ev, M. A. 4144
Ignatov, V. A. 6915
Ignatova, V. N. 6936
Igue, T. 2265, 3285
Igwegbe, E. C. K. 7833
Ihn, W. 4540
Iida, A. 5567
Iida, H. 1373, 7303
Iida, K. 8241
Iida, S. 9638
Iijima, K. 5888
Iimoto, M. 754, 1553, 2132
Iino, K. 2787
Iino, M. 4234
Iinuma, M. 9026
Iitaka, Y. 1280
Iizuka, M. 951
Iizuka, Y. 1430-1431, 2061-2062, 9242
Ijjász, I. 6846
Ikahihifo, T. 8157
Ikawa, T. 1885, 7281
Ikeda, A. 8232
Ikeda, F. 2868-2869
Ikeda, H. 1715, 5248
Ikeda, K. 2800
Ikeda, M. 4318, 7373
Ikeda, Y. 826
Ikegami, F. 6393
Ikegaya, K. 5777-5778
Ikehashi, H. 4309, 4783
Ikeshiro, Y. 1369
Ikeuchi, K. 2626
Ikeya, Y. 1936
Ikhsanova, M. A. 8185
Ikram, M. 9115
Ikusima, Y. 6347
Ikuta, A. 8176
Iley, J. R. 2853
Iliev, I. 8502
Iliev, L. K. 3329
Ilieva, I. 7608
Ilieva, V. 6650
Iligaray A., R. 3821
Il'in, V. S. 4058
Ilisulu, F. 1918
Illarionova, N. P. 4893, 4981, 6735
Illman, R. J. 1418
Ilnicki, R. D. 5212, 7161
Ilyas, M. 5612, 8217
Ilyukhin, V. V. 6777
Imada, T. 8245
Imadaya, A. 3664
Imai, J. 10004
Imai, O. 9914
Imakura, Y. 7289, 8258
Imamura, J. S. 5411
Imanishi, M. 2098
Imazu, C. 3164-3165
Imbroglini, G. 6728
Imoto, Y. 6429
Impens, I. 1823, 2666, 4421, 5914
Ina, H. 1373, 7303
Inaba, A. 2350, 9735, 10132
Inada, A. 6367
Inada, Y. 8245
Inamdar, J. A. 4469
Inamori, Y. 2147
Inbar, Y. 364, 4310, 8915
Incalcaterra, G. 4190, 6806

Indenko, I. F. 3171
India, Associated Agricultural Development Foundation 6613
India, Gujarat Agricultural University, College of Agriculture, Junagadh 6614
India, Indian Institute of Horticultural Research, Bangalore 3022
India, Tea Research Association 725-726
India, United Planters' Association of Southern India, Tea Scientific Department 4819, 5801, 8447
India, University of Agricultural Sciences, Hebbal, Bangalore 6615
Indiogine, E. 5019
Indrayanto, G. 2002
Indreaș, A. 7659
Informatore Agrario 8910
Ing, G. 115
Inggamer, H. 9653
Ingham, J. L. 8277
Ingle, A. 5307, 5526
Ingle, D. P. 3906
Ingle, M. 91, 820, 6724
Ingle, N. J. 6580
Inglese, P. 8355
Ingram, D. L. 2571, 3468, 5497, 6295, 7170, 7217
Ingratta, F. J. 3046
Iñigo, R. P. A. 5576
Inman-Bamber, N. G. 10203
Inman, J. W. 243
Innerhofer, J. 2183
Innes, C. 4799
Innocenti, G. 6422
Inoshiri, S. 9151
Inoue, M. 9105
Inoue, S. 2058
Inoue, T. 7265, 9096
Inoue, Y. 1045, 9711, 9870
Inouye, H. 488, 5567
Inserra, S. 8981
Institució Catalana d'Estudis Agraris 2113
International Association of Plant Physiology 5800
International Federation of Park and Recreation Administration 4805
International Orchid Commission 3009
International Organization for Biological Control 8439
International Organization for Succulent Plant Study 8031
International Plant Propagators' Society 4808
International Society for Horticultural Science 6-7, 738, 2114-2117, 3017-3018, 3877, 4809-4811, 6601-6602, 7452-7454, 8448, 9310
International Superphosphate Manufacturers' Association Ltd 734
Intieri, C. 194
Intrieri, C. 5136
Intrigliolo, F. 7334, 10076
Inui, M. 8144
Inyang, A. D. 8930
Ionescu, P. 5023
Ioniță, C. 4026
Iordan, I. 7733
Iordanov, D. 6058
Iordanov, M. 6113
Ioriatti, C. 806
Iotsova-Baurenska, N. 7584
Ipatii, A. D. 3237
Iqbal, M. 2068, 3683, 5577
Iqtidar Ahmad 1395
Irañeta, M. 6958
Ireland, R. J. 335, 4259
Iremiren, G. O. 3393, 4754, 5654, 6547, 7412
Irgashev, T. 6386
Irish Republic, An Foras Talúntais 3883, 9317
Irshad, M. 7401
Irvine, J. E. 704
Irving, P. M. 4183
Isaac, J. E. 3446-3447
Isaac, S. P. 8005, 8012
Isac, I. 4908, 4914
Isaev, M. I. 6437, 8188, 8302
Isakova, M. D. 3979
Isenberg, F. M. R. 2351, 2365
Ishibashi, K. 211
Ishibashi, S. 92
Ishibashi, T. 9072
Ishida, K. 6950
Ishihara, T. 2013
Ishihata, K. 7373
Ishii, K. 3164
Ishii, M. 371
Ishikawa, H. 9628
Ishikawa, M. 1687
Ishikura, N. 9104
Ishimura, I. 3357
Ishina, E. Yu. 3572
Ishiuchi, D. 4185
Ishiwata, H. 3691
Ishizuka, Y. 6126
Ishwar Kumar 1066
Iskander, G. M. 608
Islam, M. T. 3429
Islami, X. 8799
Islamov, R. 8257
Ismaiel, A. I. 4676
Ismail, A. M. A. 4233
Ismail, A. S. 4319, 9753
Ismail, S. 6305
Ismailov, A. I. 9180
Isogai, M. 8713
Israel, Institute of Horticulture 7459
Israel Institutes for Applied Research, Ben-Gurion University of the Negev 744
Israeli, E. 10086
Israeli, Y. 1449, 8377, 10129
Israilov, I. A. 1954, 6386
Israr, M. 9115
Issa, E. 8856
Iswanto, A. 4723-4724, 9267
Itaborahy, M. A. 2517
Itach, M. 7728
Itagi, T. 2134
Itai, A. 1280
Italy, Università di Pisa 1532
Italy, Università di Torino 739, 5799
Itani, K. 9914
Ito, A. 9735
Ito, K. 1336, 6407, 9916
Ito, O. 283, 7797
Ito, S. 257, 6347
Ito, T. 2350, 10132
Ito, Y. 8211, 8242
Itoh, M. 8262
Itoh, N. 1670
Itoh, S. 5980
Itoh, T. 9146
Itoi, H. 481
Itokawa, H. 1280, 2780, 5603, 6356, 8176, 8211
Itoo, S. 2269, 2879, 6950
Itulya, F. M. 8850, 9250-9251
Itzhaki, H. 1767
Ivakh, M. I. 1400
Ivakin, A. P. 6106
Ivanchenko, G. M. 9450
Ivancheva, S. V. 39
Ivanov, A. V. 7537
Ivanov, B. N. 5291
Ivanov, K. 267
Ivanov, V. B. 7789
Ivanova, I. 3523
Ivanova, I. A. 7516
Ivanova, T. L. 1055
Ivaschescu, D. 7775
Ivashchenko, A. I. 2548
Ivashin, V. M. 3706
Ivbijaro, M. F. 5558
Iveković, V. 8685
Iversen, T. H. 9665
Iwagaki, I. 9225
Iwagawa, T. 6325, 9671
Iwahashi, H. 7405
Iwahori, S. 6486, 7355
Iwakiri, B. T. 4038
Iwanow, A. 9861
Iwasaki, T. 9008
Iwashina, T. 9036
Iwata, T. 1461, 2565, 9638
Iwata, Y. 8303
Iwaya-Inoue, M. 1225, 8075
Iyengar, B. R. V. 620, 658
Iyer, C. P. A. 620
Iyer, R. D. 676, 4482
Izatullaeva, R. I. 4
Izhar, Y. 7490, 10053
Iziro, Y. 9829
Izvorska, N. 3249
Izvorska, N. D. 3250
Jaama, A. 127
Jaama, E. 127
Jabaji-Hare, S. H. 217
Jabsa, Z. 8190
Jaćimović, M. 1649
Jackes, B. R. 5525
Jackiewicz, A. 2233, 2238
Jackson, B. P. 3670
Jackson, D. E. 598
Jackson, D. I. 3213
Jackson, J. C. 1661
Jackson, J. E. 3016, 5832, 5842
Jackson, J. F. 1786, 5403, 9841-9842
Jackson, L. K. 2044, 2050
Jackson, T. A. 7649
Jackson, T. H. 1497
Jacob, J. L. 9288
Jacob, K. M. 2961
Jacob, S. 427, 6924
Jacob, S. A. 3775
Jacob, S. R. 7071
Jacob, V. J. 3800
Jacobs, L. 8023
Jacobsen, L. B. 8161
Jacobson, L. 9768
Jacobson, M. 546
Jacoby, B. 2451-2452, 6546
Jacopini, P. 8736
Jacqmard, A. 1898
Jacquemin, G. 3132
Jacquemond, C. 8325-8326, 10062
Jacquemont, R. 6186
Jacyna, T. 2177
Jadhav, R. G. 2085
Jadhav, S. J. 7439
Jaeggi, W. 9754
Jaffari, G. 8166
Jaffe, M. J. 298, 2487
Jaffee, B. A. 8534
Jagdale, G. B. 613, 622, 1352, 9214-9216
Jagendorf, A. T. 6075
Jager, A. de 4907
Jäger, H.-J. 3274
Jäger, H. J. 4456
Jager, J. M. De 10203
Jagschitz, J. A. 1173, 6257, 7164
Jahnke, L. S. 5979
Jahodář, L. 9980-9981
Jaime, S. 1392
Jain, A. C. 2029
Jain, A. K. 1902
Jain, B. P. 4288
Jain, D. C. 604, 2011, 3708, 10037
Jain, H. K. 221
Jain, M. 1955
Jain, P. C. 8121
Jain, R. K. 8939
Jain, S. P. 5569
Jain, V. 2476
Jaing, P. Y. 7195
Jaiswal, B. P. 6500
Jakab, J. 5143
Jákó, N. 9583
Jakobsen, I. 316
Jakupovic, J. 590, 592, 1372, 1376, 3712, 5586, 5608, 8171, 8230, 8248, 8261, 9141, 10010
Jamaica, Coconut Industry Board Research Department 4820
James, E. A. 7091
James, R. W. 2295
James, T. K. 5079, 5171, 5238
Jamley, N. R. 595
Jamshaid Khan 1395
Jana, S. 2373, 6882
Janál, R. 4953
Janas, K. M. 6004
Janave, M. T. 7395
Janda, L. 2228
Janeček, F. 97
Janečková, M. 4967-4968
Jänes, H. 125-126, 5891
Janes, H. W. 5341
Jang, J. T. 4916
Janhavi Singh 9159
Janick, J. 6596
Janjić, V. 3939
Janković, D. 1584, 4940, 8591
Janković, D. D. 3966
Janković, R. 8512, 9489, 9536, 9544
Jankowska, B. 9454
Janny, P. 4117
Janowski, G. 2424
Janse, J. 382, 390, 7057, 9652
Jansen, A. B. 1705, 2380-2381, 2450, 5987, 6097, 6926, 9643, 9738
Jansen, G. 8741
Janser, E. 169
Janssen, A. M. 3631
Janssens, J. 7947
Jansz, E. R. 4481
Jaramillo C., R. 1456
Jaramillo Robledo, A. 679
Jardin, P. Du 7028
Jarošová, J. 2394, 6000
Jarrell, W. M. 1118
Jarret, R. L. 1451
Jarry, H. 1313
Jarvis, B. B. 3669
Jarvis, P. G. 2144
Jäsa, B. 5965
Jash, S. S. 4574
Jaskonis, J. 5547
Jassey, Y. 1784
Jaumień, F. 9504
Javed Ahmad 8399
Javed, Z. U. R. 1476, 3804
Jawad, A.-L. M. 553
Jawanda, J. S. 728
Jay-Allemand, C. 9528
Jayaraman, V. 674
Jayarathnam, K. 2092
Jayaratne, A. H. R. 4775
Jeangros, B. 8714
Jeffcoat, B. 4812
Jefferies, P. R. 2777
Jefferson, A. 10047
Jeffery, D. 8945
Jeffs, K. A. 8440
Jehanno, A. 5637, 8239
Jelitto, L. 2107
Jelmini, G. 2316
Jenkins, B. M. 46, 55
Jenkins, J. N. 1618
Jenkins, S. F. 399, 5250, 7780
Jenner, J. F. 644
Jensen, A. 1040, 8008
Jensen, C. J. 9005
Jensen, E. 5297
Jensen, E. S. 4254
Jensen, J. 2479, 7705, 8742
Jensen, K. I. N. 4070
Jensén, P. 9751
Jensen, R. G. 6884
Jentzsch, K. 10034
Jerie, P. 100
Jerie, P. H. 1611, 5007
Jermini, M. 5936
Jerumanis, J. 536
Jetmarová, E. 6691
Jeurissen, J. 9658
Jewett, T. J. 9362
Jha, A. C. 4765

Jha, K. C. 6574
Jha, R. C. 502, 4489
Jha, S. 1993, 9203
Jha, S. N. 2559
Jha, U. N. 2559
Jhon, A. Q. 4374
Jia, J. X. 6756
Jia, Z. J. 3700
Jian, A. Q. 1854
Jiang, D. K. 7426
Jiang, J. 9733
Jiang, J. P. 5722
Jiang, L. C. 7505
Jiang, M. X. 2434
Jiang, P. Y. 7109
Jiang, S. 1434
Jiang, S. F. 1922
Jiang, S. H. 2012
Jiao, X. Z. 7764
Jiménez, A. 2805, 5633
Jiménez-Cuesta, M. 280
Jiménez, J. 7245, 8147
Jiménez, M. C. 6717
Jiménez, M. J. 8292
Jiménez Mejías, R. 1112
Jiménez, R. 4629, 6464
Jin, H. F. 8192
Jindla, L. N. 9295
Jing, X. Y. 1658
Jing, Y. 3745
Jirásková, E. 6236
Jit, S. 5642
Joarder, G. J. 4501
Jobke, K. 929
Jocić, T. 2149, 8591
Jodice, R. 5139
Joel, D. M. 1787, 9823
Johansen, E. 9922
John, D. 2760
John, P. 3296
John, P. H. 4881
Johne, S. 2015
Johnson, A. W. 287
Johnson, B. J. 450
Johnson, C. E. 1697, 8830
Johnson, C. R. 1118, 2855, 6268
Johnson, D. A. 6077
Johnson, G. L. 8846
Johnson, J. 298
Johnson, J. A. 9029
Johnson, K. J. R. 3844
Johnson, L. A. S. 1231
Johnson, R. 2021
Johnson, R. S. 5860-5861
Johnson, S. J. 1182
Johnsson, A. 3511
Johnston, A. W. B. 6605
Johnston, D. E. 4671
Johnston, D. T. 1175, 8009, 8011
Johnston, E. M. 3125
Johnston, J. W. Jr. 8812
Johri, J. K. 2031, 5563
Joi, M. B. 4198
Jokela, R. 3686, 8280
Jolad, S. D. 605
Jolivet, E. 6240, 6943
Jolley, D. von 369
Jolley, V. D. 9704, 9752
Jolliet, O. 3064
Jolliffe, P. A. 6048-6050, 9693
Jommi, G. 5725
Jona, R. 4997, 5024
Jonard, R. 5400
Jones, A. 7796
Jones, E. L. 846
Jones, H. G. 2190, 2192, 3112, 6709, 8537
Jones, J. A. 1208
Jones, J. B. 6101, 6132
Jones, J. B., Jr. 8929
Jones, J. P. 6131-6132
Jones, O. P. 9395
Jones, P. H. 8332
Jones, R. A. 3442
Jones, R. K. 2593, 2695, 6880, 7925
Jones, R. S. 5157
Jones, S. 5442-5443, 9852-9853
Jones, S. K. 9843
Jones, S. R. 3452
Jones, T. 2486
Jones, T. H. 8723
Jones, V. P. 2589
Jong, J. de 6206, 6209, 7106-7107, 7929
Jongerius, M. C. 7149
Jonglaekha, N. 6859
Jongman, E. 1772, 1862
Joó, C. 4106
Joo, Y. K. 5460, 6254
Joosse, M. L. 3971
Joosten, M. H. A. J. 6136
Jorba, J. 2892
Jordan, B. R. 4326, 8792
Jordán-Molero, F. L. 8886, 9283
Jordan,,P. 4805
Jordanov, M. 6113
Jorge, F. 18
Jørgensen, I. 395, 8950
Jorquera, P. 7832
Joseleau, J.-P. 3072
Joseph, C. 236, 8782
Joshi, B. S. 1958
Joshi, D. D. 476
Joshi, D. P. 9295
Joshi, G. D. 8401
Joshi, K. C. 8300
Joshi, K. R. 3272
Joshi, M. C. 4205
Joshi, O. P. 3796
Joshi, P. 3633, 4514
Joshi, R. P. 3284, 3366
Joshi, S. 4205
Joshi, T. 1944
Joubert, A. J. 8350
Joubert, F. J. 1963, 3692
Joubert, G. 1069, 2515
Jourdain, J. M. 6785, 9534
Journet, E.-P. 982
Joustra, M. K. 3595
Jovanović, B. 8591
Jovanović, L. 842
Jovanović, L. M. 2229, 2249
Jovanović, M. 9397
Jover, M. 9034
Joy, K. W. 335, 4259
Juang, C. B. 1508
Juang, T. C. 5687
Juárez Gutiérrez, R. E. 7388
Judah, O. M. 8828, 8920
Judd, G. J. R. 3456
Judd, M. J. 5899
Juguelin, H. 3278
Juhász, L. 800
Juhász, O. 2333, 6849
Juichi, M. 3698
Julien, P. 1874
Junior, I. 1299
Junior, P. 10021
Juniper, B. E. 1787
Jurberg, P. 5562
Jurcic, K. 1982, 2014
Jurenitsch, J. 10034
Justin, A. M. 6240
Jutras, P. J. 6520
Kabangu, K. 4583
Kabanov, V. S. 2764, 3662, 8130
Kabluchko, G. A. 852
Kacharava, O. N. 5689
Kachurina, A. P. 6494, 8339
Kadam, J. R. 6579
Kader, A. A. 1526
Kadereit, J. W. 5622
Kadkade, P. 6722
Kadkade, P. G. 1364
Kadman, A. 1391, 1433
Kadner, R. 6188
Kado, T. 5805
Kadokawa, T. 3164-3165
Kadota, A. 9870-9871
Kadota, S. 1206-1207, 1337
Kadoya, K. 8713
Kaede, S. 2792
Kafkafi, U. 1631, 3400, 4294
Kageyama, Y. 2577
Kahlon, G. S. 2884
Kahn, B. A. 4209
Kahn, T. L. 637
Kahn, V. 6667
Kailash Singh 512
Kairon, M. S. 2476
Kairov, A. K. 2152
Kaiser, W. M. 4152, 6885
Kajiura, I. 8363
Kajiyama, K. 7297
Kakar, K. L. 1041
Kakauridze, V. V. 6585, 10218
Kakegawa, H. 4344
Kakida, J. 2453
Kakiuchi, N. 556
Kako, S. 2670
Kakrani, H. K. 1929, 3632, 8291
Kaku, S. 1225, 8075
Kalabin, G. A. 6438
Kalashnikov, D. V. 2171
Kalashnikova, V. N. 824
Kalbasi, M. 9527
Kalberer, P. P. 1755
Kale, P. N. 3282, 9619
Kalinkina, G. I. 8126
Kalinowska, M. 2728
Kalita, G. M. 9404
Kalkman, E. C. 6218, 7942
Kalla, A. K. 9190
Kalla, J. C. 7362
Kállay, M. 6849
Kallmann, S. 6445
Kallunki, J. A. 8449
Kalm, L. von 3524
Kálmán, A. 9181
Kálmán-Pál, A. 7293, 8128
Kalmar, D. 6457
Kalogjera, Z. 8308
Kalosha, N. V. 892
Kalra, G. S. 4785
Kalra, S. K. 694
Kalthoff, F. 5393
Kalyanaguranathan, P. 1997
Kalyani, G. A. 1929, 3632, 8291
Kamada, H. 9150
Kamal, A. J. 4704-4705
Kamal, A. J. K. 7407
Kamal, R. 9183
Kamanga, K. D. E. 10224
Kamanna, V. S. 6862
Kamat, S. Y. 1291
Kambod Singh. 4556
Kamboj, R. K. 1786, 5403
Kamboj, V. P. 9972
Kamel, A. 8301
Kamentseva, I. E. 6031
Kameoka, H. 7762
Kamil, W. M. 10022-10023
Kamin, H. 1686
Kamínek, M. 5594
Kamiński, W. 3600, 4450
Kamisako, W. 9189
Kamla Singh 512, 4508
Kamp, M. 9833
Kamwendo, W. Y. 3650
Kan, C. 8280
Kan, K. 4864
Kan, S. K. 8280
Kanada, I. 8811
Kanaeva, N. V. 7578
Kanaiwa, Y. 1934
Kanakamany, M. T. 9123
Kanamori, H. 9172, 9202
Kanaujia, J. P. 3272
Kanawade, L. R. 6580
Kanayama, H. 8966-8967, 9781
Kanchan Jaidka 10112
Kanchanapee, P. 9984
Kandalkar, D. S. 4746
Kaneko, K. 1163, 9168, 9198
Kanematsu, S. 229
Kang, H. 6220
Kang, I. S. 108
Kang, K. Y. 262
Kang, M. S. 4299, 5764
Kang, Z. L. 2064
Kanjanapoothi, D. 1371
Kankina, V. K. 5940
Kankonde, M. 602
Kannan, N. 5745
Kannan, S. 5756
Kanomi, S. 5567
Kansal, V. K. 7290
Kansara, M. S. 1701
Kantserova, V. P. 8576
Kanwar, J. S. 2884, 3330
Kanwar, K. 4367, 7952
Kanwar, R. S. 713, 3832, 6568
Kanyagia, S. T. 1064
Kanyó, A. 6844
Kao, C. W. 6028
Kaouadji, M. 6160, 6320, 9987
Kapadia, M. N. 1468
Kapchina, V. 3523
Kapelev, I. G. 1899, 4505, 4517, 9129, 9132, 9946
Kapelev, O. I. 4511, 5548
Kapetanakis, E. G. 5855
Kapetanović, R. 218
Kapinos, G. E. 7151
Kaplan, D. T. 2861, 4648, 6267, 6461
Kaplan, H. J. 6490
Kaplankiran, M. 4643, 6463
Kaplankıran, M. 2843
Kapoor, R. 1130
Käppler, E. 755, 5334
Kapros, O. 534-535
Kaps, M. L. 8674
Kapshuk, M. P. 3743
Kapur, R. 10188
Kapur, S. P. 9232
Kar, D. K. 2767
Kar, P. L. 3183, 8618
Kar, R. K. 5981
Kar-Yoong Lim 1202
Karabourniotis, G. 1549
Karaçalı, I. 2858
Karahashi, M. 257
Karaj, S. 8867
Karakhanova, S. V. 2888
Karakır, M. N. 2889
Karamán, J. 3940
Karamanos, R. E. 6047
Karanov, E. N. 3329
Karasaki, Y. 2626
Karasawa, H. 1952
Karashima, N. 5888
Karasuyama, M. 4790
Karaszewska, A. 9454
Karavaev, V. A. 306, 4235
Karaya, R. K. 8324
Karba, I. P. 6864, 8361
Karchi, Z. 1008, 2412, 3335, 4186, 7770
Kardashev, A. T. 2252
Karel, A. K. 3360, 4213
Karge, U. 1077
Karikura, M. 10002
Karim, A. 1286
Karim, M. A. 608
Kariuda, M. 481
Karivaratharaju, T. V. 4551
Karlicek, R. 4558
Karlovich, P. T. 6197
Karlsson, M. G. 5392, 6205
Karnachuk, R. A. 5565
Karni, Y. 8825
Karpenko, V. A. 9169
Karpilova, I. F. 6030
Karpov, R. V. 7528
Karryev, M. O. 6350
Karssen, C. M. 7455
Kartalov, P. 9682
Kartashova, L. M. 9849
Kartausova, V. A. 4878
Kartha, K. K. 768
Kartoziya, D. D. 5779
Kartvelishvili, O. V. 5667
Karunanayake, E. H. 1284
Karunaratne, S. 8384
Karwasra, S. S. 3371
Karychev, K. T. 3097
Karyudi 10184-10185
Kasahara, Y. 597, 1323
Kasai, R. 1346, 3694, 3700, 5631, 6407, 9152
Kasai, T. 1146

Kaserer, H. 1652
Kashiwagi, S. 7436-7437
Kashiwakura, Y. 2962, 2970
Kashyap, R. 4300
Kasimatis, A. N. 1646
Kask, K. 66, 5891
Kasmire, R. F. 1526, 4286
Kašparová, M. 3938
Kaspers, P. 2133
Kassem, F. F. 4168
Kasumov, F. Yu. 1261, 6331, 9955
Kasuya, A. 1280
Kasymov, Sh. Z. 6360-6361, 6398
Kataeva, N. V. 909
Katagi, H. 8144
Katan, J. 9442
Katarzhina, L. A. 5997
Katayama, M. 8219
Kate, J. ten 3893
Kate, R. N. 1717, 3283
Katerji, N. 9590
Kathan, J. G. 5216
Katiyar, R. N. 539
Kato, A. 6155, 8258
Kato, I. 9916
Kato, J. 9692
Kato, M. 2007, 2992, 7187, 8811
Kato, M. J. 2811
Kato, Y. 2147, 10002
Katoh, K. 4339, 9769
Katsman, Yu. B. 1399
Katsuhara, T. 1163
Katsuki, T. 6428, 8193
Katsuoka, M. 6368
Katterman, F. R. 7493
Katušić-Ražem, B. 8685
Katyal, M. 578
Katz, D. B. 7033
Katzenberger, D. 7413
Kauffman, J. M. 3793, 8383
Kaufman, L. S. 4270
Kaul, V. 5499
Kaul, V. K. 8210
Kaur, S. 1713
Kaurov, B. S. 226
Kaushik, C. D. 5217
Kaushik, J. C. 5217
Kavanagh, T. 8014
Kavani, H. D. 2725, 4473
Kavdzharadze, E. A. 10218
Kawa, L. 3533, 3535, 5446
Kawabata, M. 2271
Kawabata, O. 9812
Kawabe, C. 7237
Kawada, A. 9600
Kawada, K. 2881
Kawada, T. 8268-8269, 9975
Kawai, A. 6843
Kawai, G. 8968
Kawai, K. 7265
Kawai, K. I. 6372
Kawakami, A. 6826
Kawamura, N. 387, 769, 2148, 2543
Kawano, N. 10013
Kawarada, A. 9191
Kawasaki, C. 8268
Kawasaki, T. 525, 2375, 6024, 7260
Kawase, K. 9225, 10093
Kawashima, N. 1542
Kawaura, M. 8242
Kay, I. R. 3441
Kay, L. E. 6629
Kaya, H. K. 9097
Kayange, C. W. 10212
Kays, S. J. 2558, 3176
Kazakov, A. L. 6366, 6415
Kazakov, V. T. 1218
Kazantseva, L. P. 9571, 9575
Kazaoka, M. 6368
Kazmi, M. 2658
Kaz'min, G. T. 3922
Kazuto, O. N. 2441
K"drev, T. 3405
Ke, C. 4633
Ke, D. 3172
Kean, D. 3413
Kechlibarov, T. 6650
Kee, S. C. 5343, 5465, 7167
Kee, W. E. 5211
Keegstra, K. 4271, 5300
Keenlyside, J. F. 3868
Keever, G. J. 1867
Kefeli, V. I. 1024
Kegler, H. 6681
Kehat, M. 10095
Keirsbulck, W. van 6628
Keith, R. 277
Kekelidze, N. A. 6493-6494, 8339
Kelety, M. M. 7213
Kelkar, G. D. 513, 3635
Keller, E. R. J. 7945
Keller, F. 5605
Keller, W. A. 7002
Kelley, K. M. 5147
Kelling, K. 4383
Kelly, G. 996, 4192
Kelly, J. C. 2694
Kelly, J. W. 3481, 7166
Kelly, W. C. 7045
Kel't, K. 90, 136
Kemertelidze, E. P. 2667, 6391
Kende, H. 379, 8872
Kender, W. J. 3232
Kendrick, W. B. 217
Kenis, J. D. 2581
Kenmochi, N. 9096
Kenna, S. W. 1876
Kenne, L. 3696
Kennedy, H. 1192, 9043
Kenny, S. T. 5553
Kenrick, J. R. 6857, 9371
Kenya Coffee 3803
Kenya, Tea Research Foundation 1533
Kenyon, D. J. 9469
Kępczyński, J. 3031, 3487, 4364-4365
Kępkowa, A. 3291
Kerbel, E. L. 850
Keren, A. 7169
Keren, Y. 8752
Kernich, A. M. 5129
Kernóczi, L. 8146
Kershaw, S. J. 6451
Kerslake, R. G. 10181
Kéry, A. 582, 8206
Keryer, E. 4414
Keshavachandran, R. 9259
Kesner, C. D. 4971
Kessler, K. J., Jr. 6771
Kester, D. E. 8583
Ketchie, D. O. 1580
Ketel, D. H. 5426
Ketsa, S. 7870
Keulemans, J. 123, 6761, 6765
Keya, S. O. 288
Keys, A. J. 7817
Khachidze, O. T. 5944
Khachik, F. 402
Khader, J. M. A. 4506
Khairy, A. H. 2994
Khajuria, H. N. 5952
Khalaf, H. A. 1438
Khalid, M. 3765
Khaliel, A. S. 9243
Khalil, F. 4031
Khalil, J. K. 6035
Khalin, G. A. 4960, 4962, 8560
Khalmatov, Kh. Kh. 6351
Khalmirzaev, B. Kh. 955
Khamis, M. A. 4137
Khan, A. A. 1082, 2368, 9623
Khan, A. H. 7004
Khan, A. M. 7848
Khan, A. T. 2482
Khan, B. H. 2085
Khan, D. 6305
Khan, H. A. 1305, 1319, 3404, 4530
Khan, H. H. 3796
Khan, M. A. 2501, 9165, 9992
Khan, M. I. H. 8399
Khan, M. M. 4701
Khan, M. R. 1324
Khan, M. S. Y. 1066, 5647
Khan, M. T. 1343
Khan, N. A. 4472
Khan, S. A. 1356, 3404
Khan, S. U. 5224
Khan, T. A. 372
Khanduja, S. D. 189, 1529
Khangura, J. S. 6484
Khanna, I. K. 1925
Khanna, K. R. 8266
Khanna, R. K. 8140
Khanzada, A. G. 6975
Kharaziya, Z. S. 7575
Khare, D. 6061
Kharebava, L. G. 1515, 6498, 9108
Khatiashvili, R. M. 4120
Khatibu, A. I. 2899
Khattab, A. A. 1969
Khattab, M. 2707, 8099
Khatun, M. 4501
Khaustovich, I. P. 7532, 7544
Khavari-Nejad, R. A. 378, 8924
Khayat, E. 1739, 3586, 9910
Kheir, N. F. 6707
Khelstver, E. M. 4851
Khera, A. P. 3859
Khera, K. L. 9292
Khetwal, K. S. 7305
Khier, Y. M. El 4566
Khilik, L. A. 7244
Khin Lay Swe 1777
Khloptseva, I. M. 4980, 8599
Khodyrev, V. P. 6003
Khodzhaev, B. U. 6306
Khodzhimatov, M. 10018, 10029
Khoo, K. L. 1205
Khoruzhaya, T. G. 2802
Khoshkhow, M. 8160
Khosravian, H. 6440
Khrapalova, I. A. 6104
Khrenova, L. K. 8889
Khrenovskov, E. I. 904, 5121
Khrolikova, A. Kh. 8622
Khromova, T. V. 5514, 8066
Khrzhanovskiĭ, V. G. 7200
Khurana, S. 730
Khurana, S. C. 2359
Khurtsilava, D. I. 10097
Khusainov, M. B. 9716
Khusnullin, Kh. Kh. 878
Khvatysh, G. A. 7748
Kiara, J. M. 2916, 6536
Kichina, V. V. 878
Kido, H. 2315
Kido, M. 596
Kido, R. 7405
Kieffer, W. 5108
Kiekens, L. 6945
Kielbaso, J. J. 9915
Kiełbińska, U. 2180
Kieleczawa, J. 334
Kiew, R. 5581
Kiffner, P. 7482
Kiguradze, B. M. 10068
Kihara, M. 7289, 8258
Kihara, T. 2013, 2868-2869
Kiigemagi, U. 5546
Kijiyama, K. 8244
Kikkawa, J. 9600
Kikuchi, H. 4915
Kikuchi, T. 488, 1206-1207, 1337, 2717, 8245, 8265
Kiladze, T. D. 1409
Kim, H. R. 2243
Kim, H. T. 262
Kim, J. B. 3168, 5055
Kim, J. H. 2405, 3168, 5419, 7501
Kim, J. K. 5614
Kim, J. S. 5783
Kim, K. S. 4299
Kim, K. W. 2670, 5383
Kim, K. Y. 3168
Kim, M. S. 262
Kim, S. B. 182, 3928
Kim, S. D. 4299
Kim, S. J. 357
Kim, S. K. 1624, 2242
Kim, S. S. 1837
Kim, S. Y. 5614
Kim, T. J. 3908, 5221
Kim, W. C. 3168, 4883, 5055
Kim, W. S. 3858
Kim, Y. K. 3168
Kim, Y. R. 1650
Kim, Y. S. 3168, 3858, 3908, 4491
Kimball, B. A. 5466
Kimnach, M. 1834
Kimoto, T. 3427, 3433, 3435
Kimura, K. 7802
Kimura, M. 1337
Kimura, N. 9825
Kimura, S. 8551, 9473
Kimura, Y. 1363, 9187
Kinbacher, E. J. 454
Kindl, H. 3914
Kinelski, J. J. 5303
Kinerley, C. K. 8812
Kinet, J.-M. 381
King, A. I. 3492
King, G. 8717
King, J. G. 7198
King, J. M. 1197
King, J. W. 1817
King, P. D. 7676
King, R. M. 1166, 3666, 5586, 5608, 8247-8248, 9141, 10010
King, R. W. 6210-6211, 7117
Kinghorn, A. D. 1295, 1358, 1981, 3668, 3713
Kingston, C. 884
Kingston, E. E. 5277
Kinjo, J. 565, 1366, 2769, 2803
Kinkladze, R. K. 1401
Kinoshita, K. 9691
Kinouchi, J. 1346
Király, Z. 8487
Kirchoff, B. K. 1192
Kirillova, E. N. 2195
Kirillova, V. V. 8361
Kiriya, M. B. 4789
Kirk, H. G. 7893, 8108, 9922
Kirk, T. I. 7192
Kirkham, M. B. 3071, 6853
Kirkitadze, N. A. 2312
Kirnosova, T. I. 5966
Kirollos, M. A. 4237
Kirthisinghe, J. P. 3620
Kis, E. N. T. 2347
Kiseleva, T. E. 1154
Kišgeci, J. 4157
Kisha, J. S. A. 6100, 6133
Kishan Singh 1511
Kiso, Y. 5639, 8195, 9612
Kiss, E. 4099
Kiss, L. Z. 3122
Kissmer, B. 8249
Kitagawa, H. 2881
Kitagawa, I. 9130, 9192-9193
Kitagawa, K. 3918
Kitagawa, S. 7281
Kitamura, Y. 4563, 8227
Kitanaka, S. 1943, 6374, 9160
Kitano, E. 9130
Kitano, M. 6633-6634
Kitayama, A. 4585
Kitayama, S. 2788
Kitchingman, R. M. 1815
Kittas, C. 8474, 8481
Kiuchi, F. 8219
Kiyamitdinova, F. 8243
Kiyosawa, S. 10043
Kizu, H. 2686-2687, 2788, 6429
Kjelgren, R. 4888, 5065, 5928
Klapwijk, D. 2136, 5254, 9761
Kläring, H. P. 7482
Klauke, B. 8022
Klaushofer, H. 1688, 7724
Klayman, D. L. 1937-1938, 5584
Kleger, H. 4041
Kleifeld, O. 5820
Kleifeld, Y. 8752, 8827, 8917, 9937, 9951
Klein, I. 6752

Klein, M. 6440
Klein, W. M. 4971
Klein, Z. 6504
Kleinendorst, A. 275
Klekowski, E. J., Jr. 479
Klemera, P. 9980
Kleparski, J. 2177
Kler, D. S. 312
Klerk, C. A. de 5142
Klett, J. E. 9786
Kliemann, H. J. 4800
Kliewer, W. M. 922, 4104, 5158, 5160, 5945-5947, 7679, 9599
Klim, P. 3536
Klimecký, A. 7498
Kliment'eva, N. I. 2511
Klimstra, D. E. 5854
Klinac, N. J. 8688
Klincsek, P. 4431
Kling, G. J. 1234
Klinger, J. 5376
Klix, D. 7467
Kłobus, G. 994
Klocke, J. A. 2752, 5559, 9932
Kloosterhuis, W. 3094
Kloosterman, J. 2746, 6443
Kłossowski, W. 4352
Kloth, R. H. 6274
Kloth, S. 9111
Kloutvor, J. 3985
Klug, D. R. 7818
Kluge, K. 6741
Kluge, M. 4415
Klysha, A. I. 9697
Klyuev, N. A. 1900
Kmiecik, W. 5998
Knaflewski, M. 341, 3343, 4283, 6080
Knapp, J. L. 8334
Knee, M. 3126
Knees, S. G. 1894
Knez, Ž. 4525
Knight, J. N. 2204, 6704, 6758, 9509
Knight, R. J., Jr. 2102
Knodel-Montz, J. J. 1121, 3491
Knösel, K. 8071
Knoth, R. 7956
Knowles, J. W. 105, 2187
Knox, J. P. 324-325
Knox, P. P. 1031
Knox, R. B. 2692, 9095
Knudsen, R. 8798
Knuttel, A. J. 8074
Knypl, J. S. 5995, 6004, 8267, 8821
Ko, H. L. 7386
Ko, K. C. 2168, 4916
Ko, W. H. 6028
Kobaliya, O. A. 10213
Kobayashi, A. 3560
Kobayashi, H. 1952, 4790
Kobayashi, K. 6063-6064, 9637
Kobayashi, M. 1971
Kobayashi, S. 7289, 8258
Kobayashi, Y. 1941, 6370
Kobilinsky, A. 6929
Koblet, W. 4111
Koblitz, D. 572
Koblitz, H. 572
Kobold, U. 1908
Kobriger, J. M. 4104
Kobza, F. 6149-6150, 6183, 6221
Koch, H.-J. 4051
Koch, K. E. 8332
Koch, M. 3709
Kochhar, S. 2827
Kochhar, V. K. 2827
Kochneva, V. N. 6850, 8954
Kochurina, A. P. 8361
Köck, L. 7159
Kocourek, J. 6067
Kodama, M. 1251, 2804, 7231
Kodama, T. 6649
Kodomari, S. 8431
Kodryan, V. S. 3253
Kodýtek, K. 2584
Koecher, H. 2096
Koehler, C. S. 2714
Koehler, P. E. 7792
Koen, T. J. 2063
Koev, G. V. 3504
Koezuka, Y. 3640, 9189
Koffler, N. F. 3829
Kofler, M. 5068
Kofranek, A. M. 3493, 8001
Koga, T. 6950
Koga, Y. 2626
Kogan A., M. 2308
Kohalmi, M. 6831
Kohashi, J. 1026
Kohda, H. 1986, 8433, 9151
Kohguchi, T. 4833
Kohl, H. C. 1148
Köhler, K. 6312
Kohli, R. R. 658, 10167
Kohmoto, K. 4833
Kohno, H. 8262
Kohno, Y. 9702
Koike, H. 2170, 2198, 7424
Koike, K. 1988, 2800, 6419, 8175, 9662
Kojima, H. 4582
Kojima, S. 7436-7437
Kojović, R. 2224
Kok, R. 2210
Koke, E. 6785, 9534
Kokje, B. A. 513, 3635
Kokkalos, T. I. 8718
Koklacheva-Koklach, S. R. 9722
Kolattukudy, P. E. 4211
Kolb, W. 2678
Kolbe, W. 4877, 9437
Kolećevski, P. 8580
Kolesnikov, A. I. 4965
Kolesnikov, V. A. 6877, 6915
Kolesnikova, A. F. 4965
Koleva, A. 9475
Kollányi, L. 9540
Koller, M. S. 7625
Koller, O. C. 5757, 6813, 7309
Kollmann, R. 8041
Kollmannsberger, H. 8497
Kollöffel, C. 2489
Kolobov, E. S. 7200
Kolodziej, H. 6394
Kołodziejczak, P. 1568
Kołota, E. 3268, 3270, 3275-3276, 3295, 3321, 3436, 8738-8739
Kol'tsova, A. S. 4399, 5445
Koltunov, V. A. 401
Komaitis, M. E. 5634
Komakhidze, R. P. 2997
Komamine, A. 1094, 1748, 9007
Komamura, K. 5685
Komatsu, E. 6126
Komatsu, H. 4915
Komazawa, Y. 2664
Kombrink, E. 501
Komissarenko, A. N. 6383-6384
Komissarenko, N. F. 5579, 6350
Komochi, S. 9621
Komori, T. 2375
Komosa, A. 341
Kon, H. 1541, 7489
Kon, R. 5306
Konakahara, M. 5709
Konarski, R. 756
Kończak, I. 3589
Kondakov, A. K. 7535
Kondo, K. 4436
Kondo, N. 769, 993, 1667, 2148, 3368, 5463, 5467, 6063-6064, 7686, 7810
Kondo, T. 9072
Kondo, Y. 1247
Kondrat'ev, M. N. 1738
Kondrat'eva, V. V. 1116
Kong, Y. C. 1342
Kongsrud, K. L. 7596
Konig, W. A. 605
Koning, A. N. M. de 7016-7017
Koning, R. E. 5397
Koning-van der Veen 9305
Konishi, K. 2577
Konno, C. 593, 8208, 10002-10003, 10015
Konno, H. 4339, 9769
Kono, M. 2568
Kono, Y. 9191
Konoshima, T. 577
Konovalova, O. A. 8130
Konsler, T. R. 3419
Konstantinov, L. K. 2151
Kontridze, A. N. 6585
Konys, W. 4360
Koo, R. C. J. 2046-2047, 5677
Koontz, H. V. 5203
Koop, L. 7930
Koopmanschap, E. A. 874
Koopowitz, H. 5472, 9053
Kooten, O. van 9045
Kopanski, L. 1306
Kopecky, K. R. 2766
Kopp, B. 1314, 6249
Kopylova, N. I. 4878
Korać, M. 8623
Korcak, R. F. 81, 3951, 4929, 5853
Kordan, H. A. 1740
Kordyum, Ye. L. 5299
Koren, E. 8825
Koriesh, E. M. 2611-2613
Korikanthimath, V. S. 3615
Kornecki, T. S. 4947
Kornienko, N. S. 2546
Kornprobst, J. M. 6346
Koroknai, B. 4107
Korolev, S. B. 7520
Koroleva, O. Ya. 2488
Korovin, V. A. 9398
Korsantiya, N. G. 1398
Kortava, T. G. 9485
Kortt, A. A. 3384
Koruza, B. 8702
Korzheva, G. F. 2539
Korzhov, V. V. 5051
Korzinnikov, Yu. S. 2304, 9563
Kosahih 9262
Kosareva, I. A. 6107
Kose, T. 3658
Kosela, S. 2777
Koseva, D. 526
Koshelev, V. K. 7520
Kosheleva, R. V. 4674
Koshiba, T. 8037
Koshijima, M. 2686
Koshimura, S. 10013
Koshioka, M. 1776
Koshiura, R. 1936
Kossowski, M. 3286-3287
Kostennikova, Z. P. 1298
Kostka, S. 5484
Kostor, D. 7842
Kostov, D. 6058
Kostrova, G. L. 3572
Kostusiak, A. 2273, 7621
Kosuge, T. 1290, 3658, 8179, 8278, 8303, 8305, 9996
Kosykh, S. A. 8577
Koszanksi, Z. K. 5229
Kotegawa, S. 1758
Koter, M. 3328
Kothari, S. K. 4508
Kothari, S. L. 4373, 9148
Koths, J. S. 7095, 7110
Kotmajer, G. 6818, 9568
Kotsokoane, M. K. 2522
Kottiswaran, S. V. 5742
Kotur, S. C. 4685
Kotzé, J. M. 9231
Koul, A. K. 57, 3931
Koutaki, M. 5253
Kovachev, V. 1644
Kovács, M. 4431
Kovács, Z. 7307
Kovácsné Gyenes, M. 1106
Kovadlo, L. S. 4251
Kovalenko, I. V. 6582
Kovalenko, L. I. 1939
Kovalev, A. S. 4871
Kovalev, V. N. 6383-6384
Kovaleva, S. N. 6353
Koval'skaya, I. M. 6085, 7013
Kovanci, I. 2858, 5692
Kováts, Z. 9827
Kovoor, A. 1523
Kovtun, G. Yu. 2407, 7759
Koyuncu, M. 1918
Kozai, K. 8433
Kozai, T. 28, 5817, 6649
Kozak, N. V. 805
Kozaki, I. 4027
Kozawa, M. 7279, 9105
Kozia, T. 7488
Kozirakis, E. C. 2436
Kozlowski, T. T. 5482, 7400, 9624
Kozma, P. 6849
Kozuka, M. 577
Kracke, H. 5049
Krahnstöver, K. 4840
Kralova, S. 4558
Kramer, S. 3644, 3987, 4077, 6741
Kranzler, G. A. 1274
Krasikova, V. I. 8641
Krasnoshtan, N. A. 9398
Krasnovskiĭ, A. A. 1023
Krass, A. E. 9342
Kratancsik, L. 3982
Kratky, B. A. 6642
Krause, G. H. 6166, 6886
Krause, J. 4404
Krauss, C.-J. 3443
Krauss, G. J. 7868
Kraut, J. L. 8634
Krauter, C. F. 4886
Kravchenko, V. A. 7856
Krczal, H. 9519
Krebs, C. 61
Krebs, E.-K. 4380
Krechetov, I. V. 154
Kreĭdik, B. M. 4645
Kreij, C. de 5504
Kreimer, G. 2371
Kreis, W. 1961
Kreiter, S. 2318
Krejsa, B. B. 8645
Krendeleva, T. E. 226
Kresken, J. 1299
Kresovich, S. 4782
Kress, B. M. 2994
Kress, M. 1104
Kretovich, V. L. 1046, 2481
Kreutzkamp, B. 1982, 2014
Krewer, G. W. 3158
Krezdorn, A. H. 2043
Krichkovitch, P. 4922
Kricnar, M. 3921
Kricnarová, L. 3945, 3997
Kriedemann, P. 8329
Kriedemann, P. E. 8317
Krijger, D. 9006, 9847
Křikava, J. 6932
Krikorian, A. D. 1140, 1450, 3778, 4608
Krishna, A. 9234
Krishnakumar, N. K. 6985
Krishnamurthy, S. 2902
Krishnan, P. 8744
Krishnankutty, S. 4483
Krishnappa, K. 659-660
Krishnaprakash, M. S. 7550
Krishnaprasad, C. A. 7550
Krishnarajah, P. 10215
Krishnayya, N. S. R. 9158
Kristen, U. 8958
Kristensen, L. N. 9040
Kritenko, S. P. 1712, 2440, 5345
Krivelevich, V. Ya. 1355
Kriventsov, V. I. 1441
Krivoruchko, G. I. 8525
Krizek, D. T. 3910, 7172, 9082
Kırımer, N. 2009
Krogt, T. M. van der 7132, 7995
Kroll, T. K. 975
Krom, C. 6125
Kromer, K. 3505

Kromer, K. M. 3259
Kroon, G. H. 7149, 8040
Kropis, E. P. 4958
Krotov, A. M. 6815
Krotova, G. I. 6332, 6338
Krstevski, J. 8580
Kruchinina, N. I. 5125
Krueger, A. 8679
Krueger, H. R. 6203
Kruft, M. 9000
Krug, H. 1692, 2416
Krüger, E. 128, 7622
Krüger, I. 5982
Kruglov, N. M. 7524
Kruijer, C. J. 1157
Kruistum, G. van 9616
Krumbein, G. 936
Krumova, Z. 384
Krupka, B. W. 1230
Krylova, G. 65
Krylova, G. S. 5903
Krylova, V. V. 89
Krysiak, J. 6014
Krzaczek, T. 552
Kuang, T. Y. 5193
Kuballa, B. 1357
Kubba, A. J. 421
Kubitz, K. 1162
Kubo, H. 9115
Kubo, I. 1582, 5727
Kubo, M. 1363, 2147, 3164-3165, 6428, 8193, 9188
Kubo, S. 9628
Kubota, N. 9594
Kubota, Y. 8338
Kuboyama, M. 10004
Kubuzenko, S. N. 8934
Kuć, J. 763
Kucher, G. M. 907, 4115
Kucherova, T. P. 9303
Kućmierz, J. 5833
Kudo, T. 9401
Kudo, Y. 9609
Kudritskaya, S. E. 6329
Kudryashov, B. A. 8169
Kuenen, A. 9676
Kugo, H. 10004
Kuhara, S. 9230
Kuhlbrandt, W. 7818
Kuhmichel, F. 6279
Kühne, H. 1195
Kuhns, L. J. 6175, 6286
Kuijt, J. 1836
Kukarskikh, G. P. 226
Kukharskii, M. S. 4113
Kukharuk, V. A. 6420
Kukina, I. M. 1004-1005
Kukułczanka, K. 3505, 3567
Kukushkin, A. K. 306, 4235
Kulaeva, O. N. 1004, 1712
Kulakova, I. A. 297, 1001
Kulasegaram, S. 9301
Kulenkamp, A. 5731
Kuliev, F. A. 2883
Kulig, E. 334
Kulikova, S. N. 2284
Kulinčević, J. 4940
Kulkarni, A. R. 4757
Kulkarni, V. J. 3814
Kull, U. 9067
Kulpa, D. 393
Kulshreshtha, D. K. 5611, 9175
Kul'tabaev, E. T. 3116
Kumagai, M. 9401
Kumamoto, H. 1430-1431, 2061-2062, 9242
Kumar, A. 1315, 3838
Kumar, A. R. V. 2753
Kumar, B. 6568
Kumar, D. 2915
Kumar, D. P. 4468
Kumar, I. 1066
Kumar, J. C. 3297
Kumar Jain, A. 1902
Kumar, K. A. 1929
Kumar, K. B. 4482
Kumar, K. V. 4712
Kumar, N. 2601, 5535
Kumar, N. G. 3652
Kumar, N. K. K. 343
Kumar, P. H. 4706
Kumar, P. P. 4482
Kumar, P. P. 676
Kumar, R. 1047, 7438, 8816
Kumar, S. 1970, 3119, 3638, 4256, 7815
Kumar, T. C. H. 2913
Kumar, T. P. 6328
Kumar, Y. 1315
Kumara, S. J. S. 4481
Kumaran, K. 655, 666
Kumaran, P. M. 4712
Kumaraswami, T. 540, 542, 545
Kumari, G. N. K. 9198
Kumari, J. K. 4335
Kume, Y. 9401
Kumori, T. 525
Kumpawat, B. S. 6572
Kundu, P. K. 4175
Kunishige, M. 1865, 5495
Kunitomo, J. 2792
Kuniyuki, A. H. 781
Kuniyuki, H. 2313
Kunst, L. 494
Kunwar, R. 281
Kunze, L. 7574, 9519
Kuo, C.-C. 795
Kuo, C. S. 9022
Kuo, J. 7089
Kuoh, C.-S. 1341, 1965
Kupatt, C. 5212
Kuperman, F. M. 6102
Kupila-Ahvenniemi, S. 2625
Kupler, N. 3111
Kuraishi, T. 2657, 2664
Kurakov, A. V. 2141
Kurata, I. 23-24
Kurbanov, M. K. 9205
Kurella, G. A. 9883
Kurennoĭ, N. M. 4942
Kurennoĭ, V. N. 5047
Kurets, V. K. 6029
Kurganova, L. N. 9720
Kurkdjian, A. 5805
Kurkin, V. A. 3706, 6424-6425
Kurmanova, A. V. 96
Kuroda, H. 9412
Kuroda, M. 5253
Kuroiwa, T. 9490
Kuroki, Y. 3658
Kuroyanagi, M. 1367, 2807, 5635, 6368, 7300
Kurozawa, C. 3433, 3435
Kurozomi, T. 1542
Kurtán, S. 3032
Kurukulaarachchi, C. 8384
Kurz, W. G. W. 568, 2770, 8200
Kurzmann, P. 5393, 5430, 6173
Kushad, M. M. 1088
Kushal Singh 914, 924
Kushalappa, C. G. 2902
Kushari, D. P. 2000
Kushwaha, J. S. 1071
Kusnan, M. 8036
Kusumainderwati, E. P. 3401
Kusumo, S. 8735
Kutáček, M. 4153
Kutas, E. N. 1186
Kutchan, T. M. 594, 7292
Kuteĭnikov, V. K. 7530
Kuter, G. A. 6179
Kutney, J. P. 568
Kutschabsky, L. 560
Kutsenin, B. A. 7755
Kutubidze, R. V. 10065
Kutubidze, V. V. 10065
Kutz, L. J. 7892, 8468
Kuwabara, T. 8770
Kuximi, T. 623
Kuzmanov, B. A. 39
Kuz'min, A. N. 5292
Kuz'min, Z. E. 8408
Kuznetsov, P. A. 8687
Kuznetsov, V. N. 7239, 8504
Kuznetsova, O. S. 8889
Kuznetsova, V. M. 5493, 8104
Kuzuki, T. 5631
Kvåle, A. 2264
Kvantrishvili, D. G. 6467
Kvetenadze, L. Sh. 4114
Kviklis, A. M. 8511
Kwack, B. H. 1831, 2617, 2668, 5471, 6220
Kwack, S. N. 357
Kwakkenbos, A. A. M. 7982
Kwiatkowski, M. 5380
Kwon, J. H. 6861, 7700
Kwon, O. D. 5266
Kwon, S. K. 8168
Ky, T. V. 7266
Kyritsis, S. 4859
Laan, F. M. van der 9055
Labadie, R. P. 1311, 9964
Labbiento, L. 8152
Labrada, R. 1510, 8916
Labrador, E. 1038
Laca-Buendia, J. P. 2453
Lacatusu, N. 7706, 7737
Lachenaud, P. 667-668
Lachica, M. 6626
Lachman, J. 9562
Lachman, W. H. 6127
Lacoeuilhe, J. J. 7415
Lacy, G. H. 975
Lacy, M. L. 259, 9770
Lad, B. L. 2929, 4752
Ladaniya, M. S. 5154
LaDuke, J. V. 4636
Laekeman, G. M. 1991
Laencina Sanchez, J. 3645
Laffaire, M. 1771
Laffray, D. 307, 422
LaFrankie, J. V., Jr. 5454
Lagerstedt, H. B. 2242
Lagier, J. 3043
Lagier, S. T. 4104
Lagoke, S. T. O. 2360, 2519
Laguna, A. 3663
Laguna Lumbreras, E. 7093
Lahar, E. 8377
Lahav, E. 1454, 4684, 6457, 6521, 7314, 10122-10124
Lai, F. M. 6678
Laine, J. J. 7874
Laird, S. 4420
Lajolo, F. M. 1463
Lajoux, M. 4423
Lajšić, S. 218
Lakoba, N. P. 7506
Lakshmi, D. K. M. 1935, 5616
Lakshminarayana, G. 6162
Lakshminarayana, S. 9274
Lakso, A. N. 2145, 2189, 5860-5861, 7541, 8696
Lal, J. 700
Lal, R. 3724
Lal, R. K. 9719
Lal, S. 9294
Lal, S. D. 3520
Lala, P. K. 3695
Lalitha, R. 1260
Lam, E. 3301
Lam, P. F. 2387, 3816, 5166, 9273, 10172
Lamb, J. G. D. 5518, 9919
Lamb, R. C. 3088
Lambardi, M. 902
Lambe, R. C. 975
Lamberts, D. 149
Lambracht, H. H. 5811
Lammeren, A. A. M. van 2660
Lammerink, J. 1249, 1254, 5204
Lamont, G. 1851
Lamont, G. P. 1883, 9918
Lamothe, M. de N. de 4729
Lamport, D. T. A. 6137
Lan Chow Wing, K. F. 2334, 6991, 7230
Lancaster, D. M. 1697, 8830
Lancaster, J. E. 3293
Lance, C. 9882
Landais, Y. 6433
Landfald, R. 8686
Landgren, B. 3052
Landi, M. C. 5371
Landsberg, J. J. 7312
Lane, C. 6319
Lane, M. 8029
Lane, W. D. 5032
Lang, A. 3916, 8860
Lang, G. A. 9249
Lang, Z. 1090
Lange, A. H. 6121
Lange, B. 825, 6688
Lange, G. L. 10020
Lange, O. L. 7047
Langebartels, C. 8731
Langenegger, W. 1455, 1457, 2063, 2090
Langhans, R. W. 5390
Langhe, E. de 4683
Langnes, R. 8569, 8631, 8973, 8978
Langston, D. N. 4666
Langton, F. A. 417
Lankes, C. 2191
Lanneluc-Sanson, D. 7547
Lannoye, R. 322, 5271
Lans, A. M. van de 2616
Lans, A. van der 1156
Lansac, A. R. 3727
Lánská, H. 3921, 7556
Lánský, M. 3953
Lanteri, S. 1168, 4848
Lanterman, W. S. 5967
Lantin, B. 5900
Lanza, F. 1423-1424
Lanzelotti, J. J. 843
Lanzetta, R. 445
Laonigro, G. 445
Lara, F. M. 3409
Lara, S. P. 3860
Laracine, C. 7088
Lareau, M. 8665
Lareau, M. J. 7628
Larew, H. G. 3491
Larin, M. F. 6397
Larocque, D. J. 451
Larqué-Saavedra, A. 6052, 7051
Larrieu, C. 4577
Larrusse, S. 5175
Larsen, B. R. 6898
Larsen, F. E. 792, 796, 6698
Larsen, J. 6909
Larsen, R. 3557
Larson, R. A. 3500, 7894
Larsson, S. F. 3463
Lashkhi, A. D. 9485
Láska, P. 979, 6913, 6922
Lass, R. A. 3012
Lassak, E. V. 5542
Lassalles, J. P. 9625
Lassányi, Z. 4498, 7293, 8225, 8283
Lassociński, W. 3556
Lassoudière, A. 7393, 8372
László, P. 2348
Latchanna, A. 3614
Latché, A. 4328, 4946
Latham, A. J. 2187
Latif, S. 9262
Latsko, T. A. 8504
Lattoo, S. 518
Latzko, E. 2371
Laurance, A. 573
Lauren, D. R. 7676
Laurentis, N. De 551
Laurentis, N. de 4395
Laurie, W. A. 1351
Laurinen, E. 5841
Laussermair, E. 1948
Lauterbach, D. 1194
Lauzac, M. 956
Lavanderos, J. C. 3252
Lavania, M. L. 3748, 3756, 4656
Lavarde-Guignard, F. 656
Lavault, M. 9157
Lavee, S. 2065, 9576, 9595-9596, 10106
Lavi, A. 2624
Lavi, B. 811
Lavie, D. 6367, 6418
Lavín A., A. 2308, 3235-3236, 5128
Lavorenti, N. A. 3829, 8430

Lavranos, J. J. 1833
Lavritchuk, I. I. 5673
Law, M. Y. 5196
Lawande, K. E. 1693
Lawes, G. S. 2251
Lawrence, B. M. 505, 2731-2732, 2734, 2745, 3628, 3644, 5539, 9944
Lawrence, C. 8930
Lawrence, M. E. 7717
Lawrence, P. 3835
Lawson, H. M. 253, 4171
Laxmi, V. 5598
Layne, R. E. C. 4013
Layokun, S. K. 4722
Lazova, G. 329
Lazzarini, C. 4948
Lazzarini, W. 2923
Lê, C. L. 76, 2129
Le Deunff, Y. 8884
Le Fur, G. 3980
Le Huy, T. 7277
Le Lézec, M. 789, 3930, 5790, 5868, 9390
Le Nard, M. 7991
Le Tkhi Muoi 1024
Le Zuĭ Khaĭ 5544
Lea, J. D. 3834
Leach, C. R. 6226
Leal, F. 1445
Leal, F. R. 8750
Leal, J. A. 6955, 7793
Leal P., F. 6552, 6554
Leatham, G. F. 5369
Leavitt, R. A. 3892, 5306
Lebby, V. 1378
Lebeck, L. M. 2589
Lebedev, N. N. 1022-1023
Leblanc, J. M. 6070
Leblond, C. 5890, 8608, 9511
Leboeuf, M. 1331
Lebowitz, R. J. 1827, 6274
Lebreton, P. 7088
Lecker, F. 26
Leclercq, J. 1974
Leclezio, M. F. A. 3834
Lecomte, P. 9390
Ledebuhr, R. L. 634, 4836
Ledgard, S. F. 4154
Ledger, S. N. 10175
Lee, B. K. 2668
Lee, B. Y. 5174
Lee, C. H. 357, 1825, 1831
Lee, C. I. 1148, 3602
Lee, C. W. 609, 1381
Lee, C. Y. 7884
Lee, D. K. 3168, 6967
Lee, E. H. 1016, 5275, 8852
Lee, H. S. 689
Lee, J. 4874, 7049, 7383
Lee, J. C. 1650, 3701
Lee, J. M. 5266
Lee, J. S. 2668, 3482, 5366, 5471, 6245, 6299
Lee, J. W. 4359
Lee, J. Y. 5614
Lee, K. B. 3819
Lee, K. E. 5419, 5424
Lee, K. H. 3694, 3698, 5231, 5600, 10009
Lee, L. S. 7332-7333
Lee, M. 10020
Lee, N. 7218
Lee, P. M. 5722
Lee, S. 6372
Lee, S. A. 3822
Lee, S. K. 6314
Lee, S. M. 5559
Lee, S. S. 1698-1699, 5210
Lee, S. W. 4299
Lee, T. S. 4784
Lee, T. S. G. 7422
Lee, U. J. 3168
Lee, V. 4874
Lee, W. S. 5973
Lee, W. T. 5419
Lee, W. Y. 1825
Lee, Y. B. 4491
Lee, Y. H. 6039
Lee, Y. M. 5055
Leece, D. R. 4105
Leegood, R. C. 5188, 6883
Leeper, P. W. 7855, 7857
Leeuwen, C. A. M. van 1167, 5453
Leeuwen, P. J. van 8073
Leeuwen, P. van 5506, 5510, 7212
Lefebvre, J. M. 6789
Lefebvre, R. 5199
Leffring, L. 5502
Legard, W. W. 5650, 5652
Legave, J.-M. 3980
Léger, A. 8471
Leger, L. 6253
Legge, R. L. 5385, 8880, 9764
Legón, J. O'Reilly 7429
Leguay, M. 4097, 5927
Legutowska, H. 4336, 7880
Lehle, F. R. 3892
Lehmann, H. 4084, 9759
Lehmann, J. 2438
Lehmann, M. 7084
Lei, P. S. 6678
Leibbrandt, N. B. 3833
Leidenfrost, E. 7118
Leidy, R. B. 6809
Leifertova, I. 4542
Leigh, R. A. 5183
Lein, G. 5731
Leinfelder, J. 1806, 8030
Leiser, A. T. 1890
Leisner, S. M. 4266
Leiss, J. 8113
Leistner, E. 2793
Leite, J. A. 2091
Leite Junior, R. P. 9233
Leiva, A. 10146-10147
Lejsek, G. 5457
Lekhova, E. 2176
Lekić, N. 842
Lelyveld, L. J. van 2836
Lemaitre, C. 2307
Leman, V. M. 1738
Lemarié, G. 6195
Lemberkovics, É. 9128
Lembrechts, J. F. 9332
Leme, E. J. de A. 7433
Lemieux, R. U. 1931
Lemli, J. 3718, 5590
Lemoine, J. 5790
Lemus, I. 5582, 8190
Lenfeld, J. 7276
Lenga, F. K. 6041
Lenker, D. 243
Lenker, D. H. 245
Lenna, P. Di 1150
Lentjes, P. 7946, 9101, 9913
Lenz, F. 101, 1614, 1633, 2301, 2303, 7650, 9430
Leo, F. di 193
Leo, P. de 5151
León, A. 1563, 7329
León, M. 4640
Leonardy, N. J. 1686
Leone, I. A. 963, 4459
Leong, A. G. B. 6222, 7124
Leong, T. T. 3825
Leong Tat Thim 3825
Leoni, C. 6147
Leoni, S. 2384, 4191, 7027
Leopold, A. C. 4261
Lepock, J. R. 9764
Lepojević, Z. 581
Lepp, N. W. 1477, 7035
Leprat, G. 4088
Lercari, B. 7872
Lercari, G. 4409
Lercari, G. B. 1191, 5452
Lerch, G. 9997
Lernerová, J. 6221
Leroy, J. F. 8992
Lersten, N. R. 2600
Lesaint, C. 6943
Leshem, B. 4349, 6191, 7098
Leshenko, S. G. 3534
Leski, B. 4353
Leslie, A. C. 2691, 6636
Leslie, C. A. 5045
Lesne, M. 6392
Lespinasse, J. M. 789, 4882, 4921, 6733, 7531
Lespinasse, Y. 789, 3936
Lessire, R. 3278
Lester, D. C. 5103, 5130
Lester, G. E. 1006, 8844
Lester, R. N. 2508
Letard, M. 7745
Letey, J. 6854, 8789
Letham, D. S. 986
Letizia, B. F. 9608
Lettani, L. 149
Leung, C. M. 9356
Leupold, R. 1195
Leuschner, D. 6729
Leutiger, F. 4077
Levanon, D. 7887
Levashova, I. G. 5579
Levav, N. 4451
Levenko, B. A. 162
Levick, D. R. 259
Levičnik, M. 8572, 8606
Levillain, P. 2776
Levin, D. A. 6228
Levina, E. K. 8353
Levinskiĭ, M. B. 7655
Levitskaya, S. V. 6388
Levy, A. 6418
Levy, M. 3586
Lewandowska, A. M. 9661
Lewis, A. J. 6198, 8070
Lewis, C. A. 9079
Lewis, C. J. 1555
Lewis, D. A. 8180
Lewis, F. 9235
Lewis, J. 4802, 5796
Lewis, J. A. 985, 6902
Lewis, N. G. 6047
Lewis, W. H. 9143
Lewis, W. M. 1176
Leyva, D. 4623, 4630, 5716
Lézec, M. le 789
Lézec, M. Le 3930, 5790, 5868, 9390
Lezhneva, L. P. 9204
Li, A. S. 2779
Li, C. 9500
Li, C. L. 4232
Li, C. X. 9677
Li, G. P. 8902
Li, G. S. 714
Li Guangchen 9456
Li, J. J. 4435
Li, J. R. 810
Li, K. 7505
Li, L. 8289
Li, L. C. 647
Li, L. G. 3073
Li, L. N. 1335
Li, L. R. 3745
Li, L. Y. 653
Li, N. Q. 2809
Li, P. H. 1685, 6988
Li, P. W. 4599, 6449
Li, S. H. 6696
Li, S. L. 9293
Li, S. Y. 1622, 5193
Li, S. Z. 3388
Li, W. 248, 9500
Li Wenyi 1813
Li, Y. 2622
Li, Y. S. 8559
Li, Z. 8589
Li, Z. G. 1590
Liakatas, A. 4842
Liakopoulou-Kyriakides, M. 4492
Lian, L. M. 9170-9171
Liang, H. X. 3569
Liang, Q. H. 702
Liang, X. T. 1932
Liang, X. Y. 418
Liao, J.-C. 1478
Liao, J. S. 3744
Liao, X. L. 6341
Liao, Y. M. 8964
Liao, Y. Q. 9948
Libek, A. 142
Libel, R. 4173
Liberti, A. 3645
Lichino, I. P. 6420
Lichtenberger, E. 10034
Lichtenfeld, C. 1015
Lidert, Z. 1924
Lidster, P. D. 3125, 9470
Lieberei, R. 8415
Liebig, H. P. 2417, 2444, 5220
Lieburg, M. J. van 8897
Liedvogel, B. 8495
Liefertová, I. 2759
Lieftink, D. A. 1545, 1561, 1576-1577
Lien, N. T. 2015
Lien, R. M. 1377
Liesecke, H.-J. 3564
Ligan, C. 5558
Ligero, F. 6059
Ligetvári, F. 912
Lightner, G. W. 7742, 8589
Lihoťan 5119
Likhatskiĭ, V. I. 8737
Lilov, D. 186, 7681
Lilov, D. Ts. 3250
Lim, E. S. 21
Lim-Ho, C. L. 6314
Lim, J. S. K. 4668
Lim, K. Y. 465
Lim, T. K. 4708
Lim, U. K. 8923
Lima, E. J. de 4755
Lima Filho, N. G. 3453
Lima, H. 698, 2837
Lima, J. L. S. de 2026
Lima, L. A. de 3433, 3435
Lima, P. D. D. B. 3723
Lima, R. M. O. C. 6409
Lima, U. A. 4677
Limaye, V. P. 3815, 4693, 4707, 8401
Lin, C. H. 8740
Lin, S. 2012
Lin, S. Q. 5193
Lin, T. Y. 8548
Lin, X. G. 1648
Lin, X. J. 3528
Lin, X. Z. 4633
Lin, Y. C. 9182
Lin, Y. M. 3698, 9182
Lin, Y. S. 4195
Linardakis, D. 2526, 8832
Lindblad, P. 1897
Linde, A. W. 8667, 8683
Linder, H. P. 9052
Lindgren, C. B. 5329
Lindner, H. 7552
Lindner, U. 2339
Lindquist, R. K. 6203
Lindsay, R. C. 4181
Lindsay, S. C. 9362
Lindsey, D. L. 220
Lineberger, D. 1232
Lineberger, R. D. 795, 1131
Linit, M. J. 1208
Link, H. 2173, 9466
Linley, P. A. 3679, 9993
Linnemann, A. R. 6165
Linsalata, D. 6895
Linsefors, L. 4832, 6055
Linskens, H. F. 1128, 9841-9842
Lint, P. J. A. L. de 2414
Linton, P. A. 3602
Linton, P. R. 2075
Linz, G. S. 605
Lionakis, S. M. 1552
Liotta, G. 6478
Lipari, V. 5325, 7014
Lipecki, J. 2180
Liptay, A. 3416
Lipton, W. J. 967, 2446
Lira, R. H. 4104
Lis, H. 1963
Lisanyuk, V. G. 2294
Lisbão, R. S. 2354, 3285, 3357
Lischewski, M. 560
Lisciani, R. 8233
Lisetskaya, L. F. 8139
Lishchuk, A. I. 8467, 8560
Lishman, A. W. 7317
Lisiecka, A. 4401
Líšťanský, J. 6343
Litchenko, N. A. 4879, 8498
Litinskaya, N. N. 7553
Littardi, M. 4409, 5452

Little, C. R. 4665
Litvinenko, V. I. 5643
Litvinova, O. N. 4399
Litz, R. E. 1451
Liu, C. J. 6912
Liu, C. L. 3680
Liu, D. 3739
Liu, F. W. 3972, 8549-8550, 9469
Liu, H. 6988
Liu, J. H. 9025
Liu, J. S. 7285
Liu, J. W. R. 6848
Liu, K. 9500
Liu, K. C. 8336
Liu, L. 1246
Liu, R. C. 5331, 8919
Liu, S. D. 7079
Liu, W. 1914
Liu, X. H. 3744
Liu, Y. 43, 1590
Liu, Z. 8265
Liuni, C. S. 4109
Liveanu, V. 5978
Liverani, A. 4994
Liyanage, N. I. S. 4776
Lizada, M. C. C. 7382
Lizana, L. A. 3252
Ljones, B. 3192
Ljubičić, M. 8578
Llabrés, J. M. 1285, 8163
Llacer, G. 82
Llamosas C., A. 2078
Llanaj, L. 1597
Lleras, E. 2019, 4804
Lleras P., E. 2019
Lleras Pérez, E. 2105
Llorente, A. 920
Llorente, S. 2158, 6993, 7024, 7323, 7339-7340
Lloret Oltra, J. 635, 641
Lloret, P. G. 5181, 7711
Lloyd, C. W. 6605
Lloyd, J. 8329
Lluch, C. 6059
Lo, C. C. 2959
Lo Cascio, B. 2872
Lo Gullo, M. A. 188
Loach, K. 1849
Loader, D. L. 5005, 5077
Lobanov, G. A. 7509
Lobov, V. P. 6141
Lobstein-Guth, A. 4465
Lobysheva, I. I. 1031
Locascio, S. J. 286, 1727, 2514, 2528, 3206, 6675
Locher, P. 2621
Löchner, H. 1602
Locke, T. 9440
Lockerman, R. H. 4227
Lockhausen, J. 8958
Lockwood, D. W. 105
Lockwood, G. B. 1960, 5596
Lockwood, S. J. 1664
Lóczi, J. 9729
Lodha, S. 3403
Loeffler, R. S. T. 3917
Loehr, A. 3299
Loescher, W. H. 3117
Loeser, H. 1124, 6182, 7112, 7135
Loetzsch, K. 2096
Loewus, F. A. 6561
Loewus, M. W. 6561
Löffelhardt, W. 1314, 6249
Löfström, I. 5564
Logan, D. M. 3957
Logan, P. G. 7035
Logan, T. J. 3307
Logan, W. J. C. 4796
Loganathan, P. 6532
Logvinenko, I. E. 4497
Lohani, H. 4514
Löhnertz, O. 6829
Lohnes, J. P. 9488
Lohr, V. I. 3261
Lohse, H. 6689
Loinger, C. 5150
Loiseau, P. 6256, 9857
Lokaj, Z. 6928
Loladze, D. V. 2991
Lolli, F. 3134
Lomagno, P. A. 6348
Lomagno, R. C. 6348
Lomaniec, E. 8343
Lomax, T. L. 1003
Lombard, A. 5583
Lombard, P. B. 1603, 3876, 5852, 9508
Long, S. P. 7447
Long, Z. 4092
Longman, K. A. 6660
Longnecker, M. T. 1196
Longo, A. 7341
Looman, A. 4512, 4515
Looney, N. E. 2255, 4001, 9467
Loos, M. A. 711
Lopes, N. F. 5761, 9286
Lopez, A. S. 2078
López Alfonso, D. 7348
López-Andréu, F. J. 58, 5830, 7038
López-Belmonte, F. 5263
López Corzana, B. 953
López de León, E. E. 5743
López, E. 4762
López, F. 6990
López, G. J. 7038
López García, I. 30
López J., A. 4905
Lopez, J. R. 5739
López, J. T. 2711
Lopez, M. 6095, 7841
López M., R. 1482
López-Munguia Canales, A. 4612
López Oliveras, A. 7970, 7975, 7983, 7999
López Oliveras, A. M. 1151
López Pérez, D. 1151, 7975, 7983-7984, 7999
Lopez Planes, Y. R. 9241
López, R. 4748, 6487
López-Roca, J. R. 6753
López Valdovinos, L. E. 5702
López, W. 4804
López Zada, M. 10118
Lorbeer, J. W. 2364
Lord, E. M. 2873, 5407, 9244
Lord, W. J. 2162
Lorenzi, F. De 2320
Lorenzi, H. J. 2963
Lorenzi, R. 3351, 5259, 9464
Lorenzini, G. 166
Lorenzo-Minguez, P. 2666, 4421
Lorenzo, R. di 158, 195
Loreti, F. 4991, 4998, 5878
Losada, M. 1671
Lösch, R. 2560
Lössbroek, T. G. 4167
Lossois, P. 2945
Lotodé, R. 10145
Lötschert, W. 3869
Lott, J. N. A. 3372
Lotter, H. 6276
Lotti, G. 5822
Lou, C. H. 5802, 9611
Lou, S. Q. 5193
Lou, Z. 1329
Louason, G. 3361
Loubser, J. T. 4125, 5142
Loué, A. 175, 6827, 6834
Loughton, A. 340, 6078-6079
Louguet, P. 307, 422, 1126-1127
Louis, I. H. 3795
Loukis, A. 6337
Lounasmaa, M. 3686, 8280
Louon, M.-P. 1898
Lourenção, A. 2462
Louw, A. J. 1729
Louwen, J. M. 6165
Lovatt, C. J. 2862, 9228
Lovatti, L. 823, 5052
Love, M. E. 1102, 9777
Lovelidge, B. 788, 2164, 9426
Lovell, P. H. 6193
Lovett Doust, J. 7154
Lovett Doust, L. 7154
Loveys, B. R. 765, 8905
Lovino, R. 155
Lovino, V. S. 4124, 8709
Lovkova, M. Ya. 8189
Low, F. C. 7420
Lowe, M. D. 751
Loy, J. B. 1536, 3333
Loyola, L. A. 8290
Lozano González, R. 7066
Lozhnikova, V. N. 9865
Lozner, D. 2412, 4186
Lozovaya, V. V. 9716
Lozoya, M. 2773
Lu, L. X. 9221
Lu Ming Lian 9170
Lu, S. M. 418
Lu, W. J. 1989
Lu, W. L. 9022
Lu, X. 1757
Lu, Y. 1914, 9166
Lu, Z. 724
Lu, Z. S. 1591
Lubis, A. U. 2940, 2944
Lubis, R. A. 1487, 2930, 2934, 2944
Lubis, Y. R. 1487, 2930
Lubsandorzhieva, P. B. 9144
Luby, J. J. 7636, 8616
Luca, L. De 5257
Luca, V. De 2770
Lucas, M. D. 918
Lucchesi, A. A. 6156
Lucchi, P. 5085, 5093-5094
Lucchini, F. 8407
Luce, J. M. 2980
Lucero, J. C. 4145
Luchkov, P. G. 2172
Lucke, E. 8049
Luckner, M. 9999-10000
Lüdders, P. 5732, 5786, 8365-8366
Ludford, P. M. 2545
Ludwig, L. J. 377
Lue-Kim, H. 8942
Luengo, D. H. de 9137
Luer, C. A. 5476
Lugt, C. B. 9989
Luh, B. S. 7590
Luipen, J. van 2540
Luis, J. G. 1985
Luisetti, J. 9377
Luit, B. van 942, 4142
Łukasiewicz, A. 7891
Łukasik, S. 393
Łukaszewska, A. J. 5432-5433, 8087
Lukić, P. 581
Lukins, R. G. 7349
Lukman 2093, 2955, 6562, 9289
Luk'yanchikov, M. S. 6415
Luk'yanchikova, M. S. 6366
Luk'yanenko, A. N. 6105, 6146, 7046
Luk'yanenko, E. Kh. 6146
Lumbantobing, T. 1486, 1489
Lumen, B. O. de 6590
Lumis, G. P. 9929
Lumsden, P. J. 5294, 9806
Lumsden, R. D. 6902
Luna, R. 7698
Lunati, U. 4876
Lunazzi, L. 9978
Luncă, L. 249
Lundberg, P. 4832
Lung, C. 1010
Luo, G. 8704
Luo, J. 1329
Luo, S. 4494
Luo, S. Q. 8192, 8194
Luo, Z. J. 702
Luoto, L. 2302
Luria, Y. 7728
Lurie, S. 4664
Lutchmeah, R. S. 3327
Lutfullin, K. L. 6396
Lüthi, J. 3318
Luton, M. T. 3130, 3174
Lutskii, V. I. 6437-6438, 8302
Lutsyuk, I. A. 1273
Lüttge, U. 8018-8022, 9038
Luvisi, D. A. 5148
Luz, A. I. R. 5550
Luza, J. G. 5896
Luzzati, A. 5139
Lwande, W. 1300, 3656, 8152
Lyapina, L. A. 8169
Lyashenko, N. I. 1275
Lyle, C. W. 4843
Lyman, M. 5342
Lynd, J. Q. 304
Lyndon, R. F. 9814
Lynn, K. R. 5468, 8103, 8235
Lyon, J. L. 5508
Lyons, C. G., Jr. 111, 2202, 4021
Lyons, R. E. 432, 1121, 8997
Lyrene, P. M. 3148, 3200, 4068-4069, 4978
Lyubartseva, L. A. 2775
Lyubimova, L. L. 8603
Lyutova, M. I. 6030
M., G. D. 1850, 2675-2676, 2701, 8695, 9090
Ma, H. 88
Ma, J. M. 3661
Ma, W. W. 6412
Ma, Y. P. 1917
Ma, Z. J. 8081
Maafo, I. K. Adjei- 3818
Maage, F. 7605, 9548
Maarse, H. 5715
Maas, E. V. 5818
Maas, J. L. 8677, 8681
Maas, W. 2674
Maaswinkel, R. 1691, 9652
Maaswinkel, R. H. M. 5992, 6904
Ma'ayergi, H. A. 5575
Mabbett, T. 2905
Mabbett, T. H. 7042
Mabry, T. J. 8237, 9137
Macambira, L. M. A. 10011
McAneney, K. J. 5899
McArdle, A. J. 1891, 9088
Macarell, J. 6523
McArthur, E. D. 10044
McCain, A. H. 5431, 7101
McCallion, B. J. 3293
McCarthy, E. J. 8650
McCarthy, M. G. 2331
McCarty, J. C., Jr. 1618
McCauley, S. W. 4868
McChesney, M. M. 5306
Macchia, M. 2342
McCloud, P. I. 4641
McCloud, T. G. 8161
McComb, J. A. 6459, 7226
McCorkle, W. R. 6241
McCormack, J. 5875
McCormick, R. L. 5332-5333, 8919
McCormick, S. J. 1606, 2493, 2499
McCouch, S. R. 8533
McCourt, P. J. 3891
McCown, B. H. 9099
McCoy, C. W. 2859
McCracken, F. I. 1219
McCraw, B. D. 8896, 9610
McDade, L. A. 2706
McDaniel, G. L. 5425
McDaniel, R. G. 2649, 8783
Macdonald, A. B. 8970
MacDonald, G. E. 6001
McDonald, M. B., Jr. 7473
McDonald, R. C. 9873
McDonald, R. E. 1744, 9229, 10092
McEachern, G. 1435
McEachern, G. R. 5063
Macedo, N. 2986
Macek, T. 1999
Maceljski, M. 9065
McEuen, A. R. 2448
McFadden, B. A. 5192
McFarland, M. J. 109
Macfarlane Smith, W. H. 3879
Macfoy, C. 1300
McGaw, B. A. 383
McGinley, P. A. 2491
McGowan, M. 315, 6072

McGraw, J. B. 3583
Machado Botelho, P. S. 2986-2987
Machado, E. C. 2988
Machado, M. I. L. 9965
McHale, D. 1351, 4557
MacHardy, W. E. 84
Macheix, J. J. 5117, 8715, 9528
Machet, J. M. 7729
Macías González, J. L. 6541
Maciesiak, A. 3959
McIntosh, M. S. 6230
McIntyre, D. K. 5457
MacKay, A. B. 949
McKee, A. 8411
McKee, J. M. T. 7469, 7883
McKenna, D. J. 5645
McKenry, M. V. 5147
Mackenzie, A. 1389
MacKenzie, A. 9364
MacKenzie, A. F. 1666
McKenzie, D. M. 6285
Mackenzie, S. L. 6076
McKeon, T. 43
McKinlay, R. G. 5913
Mackroth, K. 9339, 9869
Macksel, M. 6174
McLachlan, D. 549
Maclachlan, G. 4269
McLaughlin, J. L. 6412, 8161
McLaughlin, J. M. 817
McLaughlin, S. P. 4611
MacLeod, A. 1253
McLeod, K. W. 5461
McManus, M. T. 296
McMillan Browse, P. 9080
McMillan, R. T., Jr. 6321
McNew, R. W. 8611
McNiesh, C. M. 147
McPhail, A. T. 5600
McPheeters, K. D. 5073
McPherson, D. D. 2710
McPherson, E. G. 468
McQuinn, D. 3246
McRae, D. G. 8880
McRae, K. B. 3125, 7644
Macrae, S. 10048
Macrae, W. D. 4571, 4597
McSay, A. E. 1696
McVetty, P. B. E. 6966
Madaci, A. 2774
Madaminov, A. A. 9126
Madan, S. P. S. 3290
Madav, R. P. 4287
Madden, L. V. 8678, 9439
Maddry, J. A. 1958
Mader, D. L. 4460
Madge, D. G. 7313
Madhavachari, S. 4663
Madhavan, S. 2055
Madhujain 4515
Madore, M. 270
Madramootoo, C. A. 5738, 6520
Madrid, R. 6753
Madrigal Lugo, R. 1383
Madroñero, E. 5354
Madsen, J. 2813
Madžarević, P. 2224
Maeda, J. A. 2265, 2306, 2327, 2720, 5925
Maehashi, H. 2664
Maene, L. 1824
Maene, L. J. 2689
Maestrelli, A. 5279
MAFES Research Highlights 7160
Maffei, M. 9949
Maffi, A. 5864
Magalhães Bastos, J. A. 1386
Magalhaes, J. R. 3434
Magalhães, M. J. 918
Magambo, M. J. S. 3855, 9300
Magambo, M. S. 1514
Magarey, P. A. 3245
Magboul, B. I. 3768
Magd, M. S. 8170
Magdalita, P. M. 3820
Mâge, F. 8668
Mageed, K. J. A. 626
Magendans, J. F. C. 1217
Maggioni, A. 190
Maggioni, L. 1663
Maggiore, T. 5096, 7114
Maghrabi, Y. M. S. 5336-5337
Magliano, V. 897
Magnani, C. 4845
Magnani, D. 5086-5087
Magnani, G. 2342, 3036
Magnifico, V. 6895, 8977
Mago N., P. 1504
Magrini, E. A. 2986
Magsar, D. 9973
Magyar, I. 777
Magyar, M. 6653
Mahajan, P. R. 2083
Mahajan, R. 3408
Mahajan, S. V. 2085
Mahamoud, A. 2774
Mahan, J. R. 2055
Mahandru, M. M. 3654
Mahanta, I. C. 1469
Mahanta, P. K. 5781-5782, 8432
Mahapatra, P. K. 8297
Maharaj, P. K. 7431
Mahato, S. B. 4572
Maher, M. J. 3422
Maheshwari, M. L. 3646
Maheshwari, S. K. 1915
Mahey, R. K. 521, 523, 1913
Mahlberg, P. G. 9899, 10113
Mahmood, I. 7004
Mahmood, K. 5620
Mahmood, U. 600
Mahmoud, M. B. 7359
Mahmoud, Z. F. 4168
Mahmutoglu, H. 9299
Mahorkar, V. K. 3238
Mahr, D. L. 1208
Mahuteau, J. 8307
Mai, L. 4494
Mai, W. F. 8533
Maia, G. A. 10225
Maia, J. G. S. 5550
Maier, I. 6956
Maier, M. S. 7280
Maier, V. P. 7353
Maillard, C. 3809
Maini, P. 9459
Mainland, C. M. 7618
Mainou, A. 1621
Maioli, B. 4189
Maĭorova, V. I. 63, 6690, 6693, 8505
Maĭrapetyan, S. Kh. 2741
Maisonneuve, J. C. 1084
Maĭsuradze, N. I. 2764, 3662
Maiti, R. G. 3542
Majaja, B. A. 530, 1268
Majek, B. A. 930
Majerus, F. 9162
Majoros, L. 5116, 5920, 9555
Majumdar, M. 8874
Makame, M. H. 2899
Makariev, Z. 2176, 8524, 9419
Makarov, A. D. 1360
Makboul, A. M. 5644
Makharadze, G. R. 1399
Makhteshim Chemical Works Ltd. 8753, 8826
Maki, T. 4864
Makin, T. 2550
Makita, K. 9629
Makita, Y. 5709-5710
Makkouk, K. M. 7778
Makovec, K. 4524, 6343
Makoveĭchuk, A. Yu. 4264
Maksimov, N. 2205, 9468
Maksoud, M. A. 4303, 4314-4315
Malach, Y. de 5179
Malakov, P. 590
Malakov, P. Y. 1910
Malavia, D. D. 2725, 4473
Malavolta, E. 1019, 4800, 6537, 7328
Malaysia, Department of Agriculture 4821
Malaysia, Rubber Research Institute 8435
Malaysia, Rubber Research Institute of Malaysia 13
Malaysia, State of Sabah, Department of Agriculture 3884
Malca, M. 2053
Maldonado, E. 4578
Maldonado, J. M. 228, 8776
Malek, J. von 2108
Malenga, N. E. A. 10214, 10216
Malet, P. 6098, 7845, 8901
Malfa, G. La 6625
Mali, A. L. 10191
Mali, M. S. 4503
Maliha, N. F. 4228
Malik, C. P. 7996
Malik, S. 8285
Malikov, V. M. 6399-6400, 6406, 8243
Malingré, T. M. 4495
Malkin, R. 3301
Mallabaev, A. 8183-8184
Mallard, P. 4430
Mallent, D. 5713
Mallikarjuna Rao, D. 4297
Malmberg, A. 6890
Malorgio, F. 8786, 8888
Malosu, D. 4727
Małuszyński, M. 1762
Malwatkar, G. M. 513, 3635
Malý, E. 528
Malý, I. 6087
Malý, P. 6067
Malyan, A. N. 2372
Malychenko, L. P. 7766
Mamedova, M. E. 6507
Mamet, H. 5400
Mamutov, N. 1350
Man Singh 4502
Manadilova, A. M. 6365
Manaenkova, N. I. 7635
Manago, M. 623, 2844, 2851
Manandhar, N. P. 8165
Manarangi, A. 2856-2857
Mancinelli, A. L. 8809
Mancini, L. 3339, 3420, 4162, 4847
Mandal, N. C. 4453
Mandal, S. K. 6381
Mandelbaum, R. 8841
Mandhir Singh 5387
Mandrin, J. F. 7570
Mandrioli, P. 6661
Manera, C. 4849
Maness, E. P. 1638
Manetas, Y. 1549, 7497
Manetti Filho, J. 5746
Máñez, S. 2805, 5633
Manfredi, E. 6115
Mangalakumari, C. K. 3622
Mani, E. 5857
Mani, U. 3775
Mânica, I. 6603, 7378
Manica, I. 687, 5757
Maniero, F. 5479
Maniero, M. A. 7433
Manikantan Nair, P. 1724
Manios, V. I. 358
Manitto, P. 9978
Manjunath, A. 2361
Manjunath, T. M. 184, 673
Mankau, R. 2536
Mann, K. 1984
Mann, M. L. 8465
Mann, S. S. 857, 914, 924, 1411, 1483
Mannan, A. 8231, 9146
Männel, R. 3077
Manning, K. 3008, 7105, 7908
Mannini, P. 6020
Mannino, P. 7658
Manolov, P. 2205, 9468
Manrique E., R. 3830
Mansell, R. S. 8331
Mansfield, R. W. 323
Mansour, N. S. 8823
Mansour, R. 4946
Mansour, S. A. 5720
Mansourian, A. R. 8879
Mantel, P. 438
Mantilla, J. L. G. 6745
Mantilleri, S. 3064
Mantinger, H. 9392, 9446
Mantoptin, A. I. 4944
Manuchehri, N. 9527
Manuel, L. 6502
Manullang, M. 4728
Manurung, A. 5760
Manvi, F. V. 3632
Manzanares, J. 8197
Manzo, P. 895, 897
Mao, Z. S. 8385
Mao Zushun 8385
Maqbool, M. 7944
Maqbool, M. A. 8807
Maquieira, A. 5690
Marahrens, E. 9009
Marais, P. G. 5141
Maraîte, H. 5912
Maraña, J. 8916
Marangoni, B. 2174, 4898, 4994
Maranville, J. W. 9705
Marboutie, G. 1613
Marcelino Ponce, J. 6514
Marcelle, G. B. 1980
Marcelle, R. D. 6723
Marcellin, P. 3781
Marchal, J. 7393-7394, 8372, 10179
Marchant, J. A. 3074
Marchesi, G. 1663
Marchetti, L. 7220
Marchetti, M. E. 6535
Marchetti, S. 1604
Marchi, A. F. de 2964
Marco, J. A. 1297, 6318
Marco, J. L. 4591
Marco, L. Di 860
Marco, S. di 5042
Marcondes, D. A. S. 2964-2965, 2968
Marcotrigiano, M. 7638
Marculescu, M. 899
Mardanov, A. A. 6032
Maréchal, J. 9934
Mareis, M. 2106
Marek, J. 4524
Marekov, N. L. 3717
Marelli, G. 3037
Marengoni, M. 157
Mares, M. 5632
Maretzki, A. 5183, 5772
Marfá, O. 7973, 9034
Margaris, N. S. 9133
Margini, C. 3123
Marginson, R. 9095
Margosan, D. A. 2702
Marhuenda, E. 4575-4576
Marhuenda Requena, E. 4548
Mari, M. 5053
Mariani, C. 2066
Marigo, G. 1946, 4531
Marin, B. 3826
Marin, G. V. 4901, 4918
Marini-Bettolo, G. B. 9988
Marini, R. 5021
Marini, R. P. 103, 8588
Marino, G. 2230
Mario, R. 5957
Marion, G. R. 5212
Mariotte, A. M. 6320, 9987
Mariotti, P. 5001, 8587
Marissen, N. 7980-7981
Mark, E. 1026
Markgraf, G. 6152
Markham, K. R. 8277
Markhart, A. H., III 292
Markin, M. I. 2310
Markov, I. V. 3101
Markov, Yu. A. 7595
Markovskaya, E. F. 6029
Marle, M. 2379
Marlot, R. 7144, 7979
Marlow, G. C. 3117
Marlow, H. 3289
Marnette, J. M. 8296
Maroto, J. V. 1099-1101
Marousky, F. J. 7931

Marpeau, A. 5706
Marquand, C. J. 9356
Marquard, R. D. 1616
Marques, I. A. 2484
Marques, P. C. 4773
Marquier, M. J. 6195
Marras, F. 5983, 6891, 6893
Marrero D., A. 10119
Marrero, P. 3410-3411
Marrewijk, G. A. M. Van 7119
Marriott, J. 1462
Marro, M. 157, 833, 3123, 3222, 5003
Marrush, M. 5351
Marschner, H. 181
Marsh, J. 6931
Marsh, L. E. 7805
Marsh, R. E. 7577
Marshall, D. B. 5069
Marshall, D. E. 347
Marshall, D. S. 1257
Marshall, H. H. 1265
Marshaniya, I. I. 2997
Marshaniya, N. K. 9942
Marsho, T. V. 949
Marsili, R. C. A. 843
Marston, A. 10026
Marta, M. 8152
Martelli, A. 5551
Martelli, G. P. 9602
Martelli, S. 5088
Martem'yanov, P. B. 8066
Martin, B. 1420, 5343
Martin, C. E. 4865, 5461, 9864
Martín Calero, M. J. 4548
Martin, F. G. 2528, 3206
Martin, G. 6549, 9275
Martin, G. C. 770, 1609, 5726, 8356, 9249
Martin, G. G. 6057
Martin, K. J. 4951
Martin, L. W. 3197, 7601, 8638
Martin, M.-T. 3480
Martin, N. A. 1092, 2300, 8055
Martin, P. 3687
Martin, P. G. 7470
Martin-Prével, P. 6604, 7394
Martin, R. 8123
Martin, S. 406
Martin, W. C. 1113
Martin, W. C., Jr. 4362
Martinac, V. 6897
Martinetti, L. 355, 411, 7205
Martínez, A. 1501
Martínez Alfaro, M. A. 1283
Martínez B., R. 6189
Martínez, C. 3738
Martínez Cutillas, A. 54
Martinez Davila, I. A. 3690
Martínez del Río, C. 6225
Martínez, F. 7024
Martínez, F. X. 7478, 7966, 8068
Martínez Garnica, A. 3779, 8378
Martinez, H. E. P. 6535
Martínez, J. 1408, 7339
Martínez-Jávega, J. M. 280
Martínez, M. 10210
Martínez-Morales, R. 2814
Martínez, P. F. 9804
Martínez Para, M. C. 409
Martinez-Sánchez, F. 627
Martínez, V. 7030, 7034
Martínez W., O. 3830
Martini, A. 9577
Martino, V. S. 1930
Martinoni, B. 5347
Martins, D. dos S. 6040
Martins, F. P. 2265, 3143-3144, 3182
Martiny-Baron, G. 1711
Márton, G. 8813
Mártonffy, B. 8819, 8894
Martoyo, K. 2939
Martsolf, J. D. 2043
Marty, G. 8386
Martyn, W. 5410
Martynenko, A. I. 6683
Martynov, Yu. F. 7239, 7258
Maruyama, K. 9191
Marzaroli, F. 3926
Marzialetti, P. 7667
Marzsó, L. Szalay- 8443-8444
Masa, A. 7665
Masaba, D. M. 3804-3805
Masaguer, A. 7022
Masam, A. M. 3461
Masca, M. G. Churata- 3409
Mascagni, P. 6432, 7254
Mascarenhas, A. F. 1446, 7384
Mascarenhas, J. P. 463
Mascotti, D. P. 7078
Mashadi, H. 9753
Masia, A. 2235, 5025, 9449
Maskov, A. P. 7011
Maskova, S. A. 7579
Maslarević, L. 8512
Maslov, A. I. 5292
Maslova, V. A. 2171
Mason, N. B. 95
Masoud, T. A. 409
Massantini, F. 3036
Massantini, R. 9535
Masseron, A. 3935
Massey, L. M., Jr. 5954
Massiot, G. 2774
Masters, J. F. 2365
Mastumoto, K. 7237
Masuda, H. 1094
Masuda, M. 5524
Masuda, T. 3089-3090, 9691, 9725
Masui, Y. 7237
Masumba, B. A. N. 8849
Masuo, S. 6243-6244
Masvidal Calpe, L. 7970, 7975, 7983-7984, 7999
Mata, M. A. Simón 3773
Mataix, J. J. 4132
Matallana, A. 22
Matano, Y. 8269
Matas, J. 8068
Mat'átko, J. 4522
Matei, V. 7499
Mateille, T. 353
Mateo, P. 7036
Materazzi, A. 166
Matern, U. 4484
Matev, I. 7025
Mathai, B. C. 3775
Mathai, C. K. 4480, 8124
Mathavan, R. 3854, 9935, 9940
Mathela, C. S. 1908, 2742, 3633, 4514
Mathela, D. K. 4514
Matheron, M. E. 4049, 6769, 6772
Mathes, D. T. 4733
Mathew, A. G. 1916, 3613, 3622
Mathew, C. 3797
Mathew, C. D. 9266
Mathew, J. 3797
Mathew, L. 4769
Mathews, D. B. 3377
Mathies, J. 1248
Mathijssen, E. 2614, 9101
Mathis, P. 326, 8770
Mathivet, V. 1959
Mathulla, T. 8178
Mathur, A. 2395
Mathur, P. S. 705
Mathur, S. 973, 1412, 3623
Mathur, V. S. 3724
Matienko, B. T. 822
Matis, J. 459
Matkarimov, A. D. 6406
Matkin, O. A. 1220
Matoh, T. 6163
Matos, F. J. A. 9965, 10011
Matouš, J. 1770
Matsubara, H. 4268, 7760
Matsubara, S. 9725
Matsubara, Y. 1430-1431, 2061-2062, 9242
Matsuda, H. 1363, 9188
Matsuda, S. 488, 1337
Matsuda, T. 269, 577
Matsue, A. M. 5874
Matsufuji, N. 6407
Matsui, H. 4000
Matsui, M. 2003
Matsui, S. 5947, 9599
Matsui, T. 5253, 6633
Matsumoto, A. 1582, 5727
Matsumoto, H. 1280, 5293, 6024
Matsumoto, J. 2768
Matsumoto, K. 2057
Matsumoto, M. 8281
Matsumoto, S. 6368
Matsumoto, T. 9146
Matsumoto, Y. 1517, 2993
Matsunaka, K. 9471
Matsuno, T. 2018
Matsuo, E. 7143, 9838-9839
Matsuo, M. 754, 1553, 2132
Matsuoka, H. 8628
Matsushige, K. 7291
Matsuura, H. 9152
Matsuyama, Y. 1517, 2993
Matsuzaka, A. 10004
Matsuzawa, Y. 6126
Matta, F. B. 3399
Matter, L. 7540
Matthes, L. A. F. 2720
Matthews, J. A. 8411
Matthews, R. B. 6646
Matthews, S. 6037, 6957
Matthews, V. A. 1811, 4802, 5796
Mattick. L. R. 1037
Mattii, G. B. 3184
Mattos, J. K. de A. 3322
Mattos, J. R. 6237
Matveeva, L. S. 8847
Matzner, F. 2329-2330
Maude, R. B. 2369, 2595, 5970
Mauget, J. C. 8626
Mauk, C. S. 9323
Maume, D. 5588
Maunder, M. 1859
Maurel, B. 4554
Mauri, F. 1458
Maurice, J. 5807
Mauriño, S. G. 228, 8776
Mauritius, Mauritius Sugar Industry Research Institute 4822
Maurya, K. R. 502, 4489, 9118
Maut, R.-J. 936
Mavi, G. S. 1000, 4199
Mavrodiev, S. 9465, 9468
Mavroyanopoulos, G. N. 4859
Maw, B. W. 8765
Mawardi, R. 5581
Maxais, L. J. 9231
Maximos, S. E. 4032-4033
May, R. W. 1835
Mayak, S. 416, 1767, 4351, 6192, 7918, 7948, 8083-8084, 8093
Maybee, C. G. 5862
Mayberry, K. S. 4161
Mayee, C. D. 7041
Mayer, D. F. 3964
Mayer, G. 850
Mayer, W. 819
Mayfield, S. P. 7352
Maynar, J. I. 5159
Maynard, B. 8058
Maynard, D. N. 6675, 9606
Mayne, A. 5164, 8724
Mayne, J. 5519
Mayoral, M. L. 274
Mayordomo R., A. 3364-3365
Mazanashvili, T. G. 5944
Mazars, G. 4533
Mazelis, M. 5219
Mazliak, P. 6240
Mazyad, H. M. 8906
Mazza, G. 868
M'Batchi, B. 5283
Mbatia, O. L. E. 1011
Mbise, R. L. 7402
Mboma, N. D. 4541
Me, G. 7658
Meadow, R. H. 7045
Meagher, R. L., Jr. 3108, 3955
Mears, D. 3047
Mears, D. R. 9342, 9354
Meawad, A. 7909
Meazza, C. 939
Medarde, M. 8182
Medhane, N. S. 9215
Medin, A. 2149, 3984, 8578
Medina, B. F. 2091
Medina, F. 618
Medina Filho, H. P. 2354
Medina, J. 2459
Medina Urrutia, V. M. 731, 5670, 5686, 5702, 6541
Medina Zapater, F. 1394
Medlicott, A. P. 693
Medrea, I. 7483
Medvedkova, L. A. 3212
Meek, D. W. 5332-5333
Meeker, D. B. 1377
Meekings, J. S. 7676
Meer, Q. P. van der 8748
Meerssche, M. Van 588
Mees, E. 1519
Meeteren, U. van 7974, 7985
Meeus, P. 6073, 7744
Megale, P. G. 3900
Megen, Y. van 1128
Megh Singh 625
Mehanna, H. T. 1609
Meheriuk, M. 2255
Mehlenbacher, S. A. 1581, 3145
Mehlhorn, R. J. 1003
Mehnert, C. 3545
Mehra, M. S. 520
Mehra, P. N. 5837, 10112
Mehrotra, N. K. 5748, 5887
Mehrotra, R. S. 8501
Mehrotra, S. 9155
Mehrotra, S. C. 2406
Mehta, A. 4153
Mehta, A. R. 8288
Mehta, B. K. 1976, 4544
Mehta, H. M. 4474-4475
Mehta, N. 5249
Mehta, S. C. 1976
Mehwald, J. 396
Mei, S. R. 1658
Meiburg, R. F. 8772
Meidner, H. 5513
Meijer, J. 4854
Meijndert, B. 6125
Meinl, K. 6204
Meiri, A. 7020
Meirovitch, A. 477
Meiss, W. 2106, 9091
Mejia, L. 8783
Mejias, J. A. 8776
Mekers, O. 8023, 8971
Mekkawi, A. G. 1957
Meklati, B. Y. 5717
Meksuriyen, D. 8221
Meland, M. 4056, 8668
Melas, P. 6747
Melcher, I. M. 8883
Mele, E. 8039
Melegari, M. 1266
Melekhina, A. A. 8632
Melhorança, A. L. 6955
Melhorança, A. L. 7793
Melibaev, S. 6399, 8151
Meligi, M. A. 919, 7356
Melis, A. 4868, 8773
Meliugi, M. A. 7357
Melkani, A. B. 2742, 3633
Melkebeke, G. 5993
Melkonian, L. T. 5027
Melkonian, M. 2371
Melkonyan, L. T. 5027
Melkonyan, M. V. 1639
Mellado, V. 2773
Melles, C. C. A. 6537
Melles, C. do C. de A. 2921
Mélo, J. F. de 6409

Mel'nikova, T. M. 2001, 2764, 3662, 9982
Melo, C. F. M. de 4617
Melo, I. S. 7003
Men-Olivier, L. Le 2774
Mena, F. 5354
Menard, D. 1781
Menassa, R. E. 7778
Mencarelli, F. 2398
Mencuccini, M. 10104
Mendes, G. R. 6156
Mendgen, K. 2466
Mendoza, E. M. T. 3383
Mendoza, J. J. 1985
Mendoza Onofre, L. E. 1029
Mendoza, T. C. 8429
Menendez, R. A. 8503
Meneses Rodríguez, S. 10190
Meneve, I. 8078
Menezes, J., Jr. 5065
Meng, F. Y. 1648
Meng Zhauqing 9456
Menge, J. A. 1118, 9226
Mengel, K. 3242
Menges, R. M. 2126
Menghini, A. 1978
Menhenett, R. 4400
Menichini, F. 5574, 6448
Menounos, P. 4369
Menzel, C. M. 3769, 7367, 7372, 7406, 8346-8348, 9245, 10098-10099, 10108
Menzies, D. R. 5069
Menzinger, W. 1866
Mercier, N. Le 4413
Mercier, S. 4165
Mercik, S. 7621
Mercik, T. 2283, 2285
Mérillon, J. M. 5591
Merja, D. 8909
Merle, G. 6256, 9857
Merlin, C. M. 7951
Mermelstein, M. 8825
Merrifield, E. H. 3692
Merriman, P. R. 5971
Merry, R. H. 9333
Mersey, B. G. 8203
Merson, M. H. 1575
Mertens, H. 7753
Mertia, R. S. 7363
Mertz, D. 337
Merva, G. E. 7059
Merz, F. 7801
Mesa G., J. 303
Mesa-García, J. 302
Mesbah, M. K. M. 3679, 9993
Meserve, J. C. 1808
Meshaal, S. A. 1969
Meshack-Hart, E. 1496
Meshack-Hart, E. T. 10178
Meshcherina, A. V. 8889
Meshcherov, E. T. 7766
Meshcherskaya, K. A. 1355
Mesías, J. L. 5159
Mesick, H. H. 9873
Meskhidze, A. M. 2998, 5779
Mesland-Mul, N. T. 4210
Mesquita Filho, L. 8393
Mesquita Filho, M. V. de 3454
Messana, I. 9988
Messeguer Peypoch, R. 9793
Messeliere, C. de la 6344
Messiaen, C. M. 5206
Messina, R. 849
Mester, I. 9181
Mestre, J. C. 6672
Metcalf, J. G. 3412, 6114
Metlitskiĭ, O. Z. 2299
Metreveli, N. E. 2312
Metwally, M. A. 2796, 10032
Metzger, J. 7699
Metzger, U. 3443
Meunier, S. 5912
Meurer, B. 3139
Meurs, W. Th. M. van 9359
Mevi-Schütz, J. 1380
Mexia, J. T. 7869
Meyer, B. N. 3710
Meyer, C. P. 27, 1537, 4860
Meyer, E. 3851, 9039
Meyer, H. J. 4567
Meyer, J. 2106, 3019, 3062
Meyer, J. A. 9474
Meyer, J. H. 3836
Meyer, J. L. 5658, 9027
Meyer, M. W. 3266
Meyer, R. 2781-2782
Meyer, R. D. 4887
Meyer, S. E. 2814
Meyerdirk, D. E. 4527
Meynet, J. 4407
Mezzalama, M. 5939
Mghogho, R. M. K. 3360
Mialhe, L. G. 3848
Miali, G. 173
Mialoundama, F. 5364
Mian Wali Muhammad 2094
Miana, G. A. 4601
Míča, B. 934
Miccolis, V. 1030
Michailides, T. J. 8620
Michaud, J. D. 1839
Michaux-Ferrière, N. 457
Michavila, A. 4529, 9002
Michel, H. R. 1651
Michel-Wolwertz, M. R. 9713
Michelesi, J. C. 5868
Michniewicz, M. 6930
Michno-Zatorska, Z. 6930, 9669
Mici, A. 8561
Mićić, N. 8619
Micke, A. 1762
Micke, W. C. 70
Micle, F. 6219
Micucci, V. 7955
Middelkoop, T. B. 4532, 9964
Midon, H. 2387
Midorikawa, I. 6356
Miedaner, H. 4526
Mielke, E. A. 8607, 10094
Miersch, J. 3443, 7868
Miersch, O. 10090
Miginiac, E. 6768
Miginiac-Maslow, M. 225
Miglani, G. P. 8310
Migliorini, C. 5033
Mignucci, J. S. 682
Mihaiu, I. 533
Mihalea, A. 1259
Mihályi, J. 777
Mihashi, S. 1280
Mihuta-Grimm, L. 8814
Mijačika, M. 8555
Mika, A. 2177, 2233, 2238, 4880, 4923, 4926, 5839, 9420
Mika, M. 9454
Mikaberidze, T. P. 2990
Mikaelyan, G. A. 5812
Mikage, M. 3664
Mikajiri, A. 9184
Mikhailova, N. S. 5101
Mikhteleva, L. A. 9865
Mikityuk, O. D. 4264, 7655
Mikki, M. S. 3767
Miklós, E. 153
Miksicek, C. 2813
Mikulovich, T. P. 1004-1005
Milanov, B. 9419
Milburn, J. A. 4447
Milczak, M. 7249-7250
Milde, H. 8767
Milenysheva, L. I. 6420
Miles, G. E. 2542, 7892, 8468
Milhet, Y. 7005
Milică, C. 7499
Milinov, S. 8516
Miljković, B. 2567
Miljković, I. 2149, 2160, 5034
Milkus, B. N. 5940
Millar, D. J. 6639-6640
Millecamps, J. L. 5984
Miller, A. A. 2742
Miller, A. J. 3296
Miller, C. C. J. 8762
Miller, C. H. 6948
Miller, C. J. 8761
Miller, E. M. 1817
Miller, E. P. 9253
Miller, F. A. 9071
Miller, J. C. 8
Miller, J. D. 4782, 5764
Miller, K. J. 2635
Miller, P. 1569
Miller, P. L. 11
Miller, P. M. 3204
Miller, R. H. 9923
Miller, R. R. 9995
Miller, S. H. 7193
Miller, S. S. 802, 4947, 6703
Miller, W. B. 5390
Miller, W. M. 643, 773, 1554, 6677
Miller, W. R. 1744, 4082, 6094, 8899
Millhollon, R. W. 7424
Millidan, D. F. 9556
Millington, A. J. 10149
Millner, P. D. 6902
Mills, H. A. 1735, 8929
Milne, T. 7445
Milo, J. 6418
Milotay, P. 4197
Milovankić, M. 8564
Milthorpe, P. 2020
Mima, A. 7289
Mimaud, J. 2588
Min, Z. D. 9026
Mina Kumani Phukan 722
Minaeva, V. G. 2277
Minami, K. 6156
Minamide, T. 2565, 9638
Minamikawa, T. 8037
Minář, J. 3380
Minchin, P. E. H. 3916
Minelli, M. 5516
Minervini, G. 5938, 8710
Mingo-Castel, A. M. 1384-1385, 1421
Mingorance, M. D. 6626
Minguez Sand, S. 5112
Minhas, P. P. S. 6564
Mini Chandramohan 676
Mininni, M. 8977
Minjauw, W. 6905
Minocha, S. C. 231-232
Mir-Babaev, N. F. 8238
Miranda, R. A. C. de 8382
Mircetich, S. M. 4049, 6769, 6772
Mirecki, R. M. 7172, 9082
Mirković, M. 842
Mirković, M. A. 2229, 2249
Mironenko, T. G. 1348
Miroslavov, E. A. 9109
Mirzaev, M. 9569
Mirzakhidov, D. M. 5921
Mirzaliev, D. B. 10069
Misaghi, I. J. 612
Misaki, T. 8211, 8242
Mishchenko, N. V. 5029
Mishra, A. K. 1328
Mishra, K. A. 8617, 9118
Mishra, O. P. 6569
Mishra, P. 519
Mishra, R. R. 7269
Mishra, S. D. 2825
Mishra, S. M. 3376
Mishra, S. N. 4698
Mišić, P. 842, 2149
Mišić, P. D. 2229, 2249
Miske, D. 8058
Miske, T. 1132, 7112
Miski, M. 8237, 9137
Misko, L. A. 1226
Misra, A. 705
Misra, A. K. 2819, 2824
Misra, A. P. 3366
Misra, G. 1979
Misra, K. K. 3748, 3756, 4656
Misra, M. P. 7431
Misra, P. 4515
Misra, P. C. 1747
Misra, R. S. 3770, 4012, 4042
Misra, S. 3353, 5270, 7794
Misra, S. P. 3375
Misra, S. S. 10024
Misra, U. S. 1054, 6971
Mitchell, A. 4805
Mitchell, C. A. 962
Mitchell, F. G. 850, 1526
Mitchell, J. J. 2027
Mitchell, O. R. 2542
Mitchell, P. D. 5007, 9510
Mitchell, R. 9606
Mitchell, R. E. 6054
Mithilesh Singh 3673
Mitich, L. W. 1197
Mitra, G. C. 722, 2785
Mitra, R. 9155
Mitra, S. 2000
Mitra, S. K. 268, 5438
Mitra, S. R. 1278, 3672, 5566
Mitranov, L. 282
Mitreski, Z. 2223
Mitrofanov, V. I. 4354
Mitrović, M. 4048, 8623
Mitscher, L. A. 1925
Mitsuhashi, H. 1163, 1317, 1321, 9168, 9198
Mitsui, S. 9104
Mitsuma, T. 3664
Mittag, H. 5519
Mittnacht, A. 6662
Mityga, H. G. 7203, 9074, 9088
Miura, H. 4563, 8227
Miura, I. 596
Miura, L. 9654
Miura, M. 8037
Miwa, T. 7237
Mix, G. 233
Miyabe, Y. 7436-7437
Miyagawa, K. 2170, 2198
Miyahara, K. 7260
Miyaichi, Y. 6429
Miyajima, I. 2681, 4448
Miyake, Y. 2431, 8433
Miyamoto, J. M. 5332, 8919
Miyamoto, K. 1936
Miyamoto, S. 926, 3728, 9514, 9605
Miyao, E. M. 6121
Miyasaka, H. 4584, 8287
Miyase, T. 1367, 1952, 2807, 5635, 7300
Miyashita, M. 10004
Miyazaki, T. 2787
Miyazato, K. 7416
Miyoshi, S. 5225
Mizell, R. F. 9493, 9513
Mizrach, A. 2609, 8946
Mizrahi, Y. 1743
Mizuguchi, R. 4596
Mizukami, H. 9106
Mizuno, K. 5603
Mizuno, M. 9026
Mizuta, M. 9172, 9202
Mizutani, F. 8713
Mizutani, T. 9191
Mladin, G. 4966
Mladin, P. 7615
Mnzava, N. A. 991, 1098, 3461
Moa, V. T. 1458
Moawad, H. 2473
Moberly, P. K. 3834
Mochizuki, K. 5688
Mock, N. 2467
Modawi, B. M. 608
Modi, V. V. 2326, 6524
Modic, D. 2149, 3937
Modonova, L. D. 6354, 6390
Moe, R. 5205, 7964
Moel, C. P. de 9660
Moeller, F. W. 6241
Moens, M. 265, 5213, 6011, 7779, 9755
Moens, M. G. 374
Moerman, P. A. 9681
Moermans, R. 8078
Mohamed, A. I. 6941
Mohamed, A. K. 4225
Mohamed, S. M. 2610-2613
Mohammad, F. V. 3697
Mohammed, A. T. 1491
Mohammed, S. 648, 10096
Mohan Doss, V. 1072
Mohan, E. 4706
Mohan, J. S. S. 4469
Mohan, N. J. 7849

Mohan, N. K. 4252, 4687, 5976, 10127
Mohan, R. 587, 5541
Mohan Ram, H. Y. 3522
Mohan, S. K. 9233
Mohan Singh 5182
Mohanakumaran, N. 1724
Mohankumar, G. N. 7229
Mohanty, D. 3724
Mohanty, P. 1683
Mohit Singh 3407
Mohr, H. 9124
Mohr, W. P. 3412, 6114
Mohri, K. 19, 391
Mok, D. W. S. 4222, 6039, 6965
Mok, M. C. 4222, 6039, 6965
Mokashi, A. N. 7229
Mol, C. P. 6271
Mól, R. 8097
Molchanov, E. F. 8467
Mole, R. 7180
Molenaar, N. 6812
Molenaar, P. 8028
Molenaar, W. H. 2674, 8100
Moley, C. 2621
Molina, J. 2766
Molinari, G. P. 4948
Molitor, H. D. 3027, 6178
Moll, J. N. 2833
Molle, L. 2790, 5627
Moller, G. M. 469
Møller, I. M. 948
Mollineda, M. 633
Molnár, I. 4100
Molnár, J. 4932
Molnar, J. M. 5816, 9364
Molnár, P. 2607
Molnar, P. 7844
Momose, Y. 8232
Monache, F. delle 1300, 6448, 8152
Monache, G. delle 1326, 6448
Monaco, T. J. 6809
Monari, W. 3134
Monastra, F. 815, 3153, 4999
Moncousin, C. 3064
Moncur, M. W. 2900, 10153
Mondal, F. M. 8760
Mondal, M. F. 8757-8759
Moneam, N. M. A. 8114
Monéger, R. 3406
Monerri, C. 5708
Monet, R. 133
Monette, P. L. 6779
Monge, E. 844, 3152, 6668
Monget, C. 6943
Mongiało, Z. 5865
Monin, J. 1784
Monk, G. J. 5816, 9364
Monnet, Y. 3958
Monopoli, F. P. 3066, 8475
Monro, J. A. 4734, 7383, 9256
Monselise, S. P. 1416, 10087
Monta, L. Dalla 806
Montagna, M. G. 6478
Montagu, M. 2776
Montalti, P. 4941
Montanari, M. 5359-5360
Montanari, R. 5085-5086
Montañés, L. 844, 3152
Montant, C. 6171
Montasser, A. S. 4607, 4659
Montavon, M. 7466
Monteiro, A. A. 7050, 7869
Monteiro de Barros, J. C. da Silva 2864
Monteiro, J. C. S. 10225
Monteith, J. L. 4842, 4870
Montenegro-Gálvez, V. 5265, 5353
Monteny, B. A. 1502, 9287
Montermini, A. 5885, 8575
Montero, J. I. 3065
Monterrey, J. A. 7404
Montes de Oca, F. Naranjo 7429
Montes, M. E. 5016
Montes, S. 677
Montevecchi, P. 5038-5039
Montiel Bueno, A. 3773
Montpézat, G. de 6836
Montz, J. J. Knodel- 1121, 3491
Monzer, J. 8041
Monzini, A. 5050
Mook, E. 242
Moon, D. Y. 2168
Moon, J. W. 2189
Moon, J. Y. 182, 3168, 3928
Moon, W. 5174
Moons, C. 9474
Moore, G. A. 6466, 7322, 9223
Moore, L. D. 975
Moore, P. D. 1522
Moore, P. H. 1507, 2960
Moore, R. 1025, 5030, 9618
Moore, R. C. 5768
Mor, Y. 416, 3586, 7948
Mora, B. 6036
Mora Morín, J. 7347
Mora U., J. 4804, 5784
Moraes, F. R. P. de 2923
Moraes, J. V. de 2950
Moraes Júnior, L. G. de 2950
Moraes, M. V. de 2923
Moraes, R. M. de 2750
Moraes, V. H. F. 5758
Morais, M. de S. Q. de 9974
Morales, A. 6964, 7668
Morales, D. 10139
Morales Gomez, A. Y. 1475
Morán, J. R. 4593
Morán, M. 4804
Morán R., M. J. 5785
Moran, Y. 6458
Morando, A. 8711
Morant-Avice, A. 1127
Morar, G. 535
Morard, P. 6778
Moras, P. 6816, 7651
Mordechi, S. 4321
More, H. G. 6580
Moreau, F. 4328
Moreau, P. 3278
Moreira, J. O. T. 3409
Morelli, I. 5574
Morenilla, A. 4616
Moreno, A. M. 4145
Moreno, J. 5707
Moreno, V. 3340, 6275
Moreshet, S. 2846
Moretti, C. 5637
Moretti, G. 159, 161, 3225, 3231, 7663
Morfaux, A.-M. 2774
Morgado, L. B. 8931
Morgan, D. C. 2322
Morgan, H. 8948-8949
Morgan-Jones, G. 998
Morgan, L. J. 2377
Morgat, F. 93, 6728
Mori, H. 7784
Mori, K. 8141, 8968
Mori, T. 1934, 6355
Moriguchi, M. 1758
Moriguchi, T. 4027
Morikawa, H. 9373
Morimoto, S. 1250, 7272-7273
Morimoto, T. 9348
Morín, J. Mora 7347
Morinaga, K. 2868-2869
Morini, S. 4989, 4991, 7667
Morishita, H. 7405
Morishita, M. 1634, 1865
Morisset, C. 2397
Morita, H. 6356
Morita, M. 6356
Morita, N. 1358, 8232, 10013
Morita, S. 7927
Morita, T. 1346, 1986, 6407, 7291
Moritz, A. 5786
Morlat, R. 911
Morley, J. 5130
Morozova, T. V. 7557
Morré, D. J. 9635
Morre, J. D. 1181
Morris, C. 7470
Morris, D. A. 3362
Morris, G. E. L. 6863, 7883, 8757-8760
Morris, J. R. 138, 144, 3233
Morris, L. L. 7752
Morris, P. 8201-8202, 9164
Morrish, F. M. 1796
Morrow, C. T. 830, 3906
Morrow, W. W. 8156
Morse, J. G. 6483
Morsli, A. 4006
Morss, S. 4341
Mortensen, J. 1669, 8696
Mortensen, L. M. 1221, 1730, 1798, 9010, 9790, 9802
Mortier, F. 5521
Mortimer, J. 5079, 5171, 5238
Morton, J. F. 3606
Morton, N. 1103, 2564
Mortvedt, J. J. 8733
Mortyanu, G. N. 3230
Mosango, M. 8368
Moschetto, Y. 7266
Moschini, E. 8043
Mosella Ch., L. 3267, 3740, 3821
Moshonas, M. G. 5711
Moshrefi, N. 5311, 5315
Moskal'chuk, N. I. 1271
Moskalenko, K. M. 4955-4956, 6734
Moskova-Simeonova, D. D. 385
Moss, D. A. 331
Moss, G. I. 1537
Moss, R. E. 8646
Mossa, J. S. 3667, 8161, 8164
Mossor-Pietraszewska, T. 3363
Mossu, G. 667-668
Mostafa, M. A. 4319
Mostolovitsa, K. Yu. 5067
Motawe, H. M. I. 3670, 3719
Motial, V. S. 2821-2822, 4462
Motl, O. 1751, 7276
Motomura, Y. 9592
Motoyoshi, S. 3164
Motro, B. 7887
Motskobili, N. A. 2845, 10075
Motto, M. G. 2601
Mouatassim. B. 5226
Moulis, C. 4586
Mount, B. 4805
Moura, R. L. De 8864-8865
Mourey, A. 5521
Mourey, M. 5521
Mousdale, D. M. 9327
Mousdale, D. M. A. 6718
Mousdale, S. A. 6718
Moussa, A. 6152
Moustafa, A. A. 4678
Moustafa, S. E. 8906
Moustou, C. 1783
Movchan, T. L. 2150
Mowers, R. P. 4418-4419
Moy, J. H. 7360
Moyna, P. 7238
Moysan, J. P. 7463
Mozafar, A. 9754
Mrazek, Ya. 6751
M'Ribu, K. 2463
Mrva, K. 6715
Msengi, A. E. 7402
Mshiu, E. N. 1281
Msonthi, J. D. 1376, 3650, 8171, 10026
Msuya, P. M. 7402
Mu, J. F. 2809
Mu, Y. N. 9996
Mucci, E. S. F. 8960
Muchovej, J. J. 1183
Mudd, J. B. 4272
Mudge, K. W. 7189, 8635
Mueller, R. J. 2705
Mueller, S. 213
Mugah, J. O. 6041
Mugano, M. 5008
Mügge, A. 1162
Mugniev, A. F. 2546
Muhammad, I. 5615
Muhammad Sarwar 2094
Muhammad, T. 2035
Muirhead, I. F. 10174
Mujumdar, A. M. 476, 8122
Mujumdar, S. M. 8122
Mukarram, M. 9209
Mukerjee, S. K. 547
Mukhamed, D. S. 7140, 7971
Mukhanin, V. G. 7521, 7532, 7544
Mukherjee, B. 1278
Mukherjee, K. 1759
Mukherjee, K. D. 4487
Mukherjee, K. S. 8887
Mukherjee, M. K. 8275
Mukherjee, P. S. 529
Mukherjee, S. 2824, 10012
Mukhin, E. N. 1042
Mukhopadhyay, P. 8275
Mukhopadhyay, S. 2501
Mukhtar, J. 9136
Mulcahy, D. L. 426
Mulcahy, G. B. 426
Mulchandani, N. B. 3617
Mulchandani, N. W. 1353
Mulder, D. 1836
Mulder-Krieger, T. 1951
Muldoon, E. P. 6137
Mulkey, B. 8830
Mullen, J. M. 2718
Mullen, R. J. 6121, 7826
Müller, A. B. 3677
Müller, G. J. 36
Müller, H. 2556, 9581
Müller, J. J. V. 3288, 9767
Müller, K. 8699, 8732
Müller, M. W. 2904
Müller, P. 2038
Muller, P. H. 7266
Muller, P. J. 1160
Müller, T. 2383
Müller, V. 8522
Mullins, C. A. 6820
Mullins, M. G. 9598
Mullins, P. D. F. 2086
Muloway, K. 3483
Mulrooney, J. E. 1618
Munavu, R. M. 3003
Mungre, S. M. 1701, 7761
Muniappan, R. 8387
Munilla, R. D. 201
Muniz, R. Bujanos 6996
Munk, W. J. de 6239
Munnu Singh 515, 6334, 8143
Muñoz, C. 9501
Muñoz de Con, L. 4150
Muñoz H., I. 5115
Muñoz L., J. L. 8156
Mũnoz, O. 596
Muñoz O., A. 7074
Muñoz, S. 698
Munshi, G. K. 8209
Munsi, L. 5592
Munson, S. T. 7636, 8616
Muntean, L. 531-532, 534-535, 537, 1269, 10006
Müntz, K. 1015
Murai, F. 488
Murai, T. 8432
Murakami, E. 830
Murakami, H. 1983
Murakami, K. 2058
Murakami, M. 10002
Murakami, N. 1366
Murakami, S. 1708
Murakami, T. 2655, 2657, 2664
Murakami, Y. 4406
Murakoshi, I. 3601, 6393, 9115
Murakoshi, S. 3440
Muramatsu, S. 10004
Murao, S. 2568
Muraoka, T. T. 5831
Murasaki, K. 1801
Murata, N. 8770
Murav'ev, I. A. 9204
Murav'eva, D. A. 6436, 6439, 8205, 10001
Murayama, M. 4539
Murayama, S. 7416
Murdoch, W. W. 632
Mure, T. 3658, 8179, 8278
Murfet, I. C. 2599, 7130

Murisier, F. 2316, 8706, 8714
Murko, D. 538
Murofushi, N. 1776
Murr, D. P. 810
Murray, A. J. S. 25
Murray, D. A. H. 7417
Murray, D. R. 7822
Murray, G. E. 5379
Murray, J. J. 6254
Murry, L. E. 425, 1785
Murtazov, T. 9336
Murthy, B. G. K. 4721
Murthy, K. N. 4712
Murthy, M. S. R. 3657, 4619
Murthy, S. V. K. 2039
Murti, I. A. S. 8627
Murti, V. D. 3870
Murty, M. S. R. 1291
Murugesh, N. 1997
Murvai, M. 9487
Musard, M. 1069, 2515
Musatenko, L. I. 6057
Musci, D. 9602
Musienko, N. 10198, 10201-10202
Musselman, R. C. 3232, 3890
Mussillon, P. 6789
Mussolin, A. J. 3336
Mustafa, A. B. 4671
Mustafa-majnu 9262
Mustafajeva, A. K. 1149
Mustaffa, M. M. 4685
Mustafin, A. M. 4417
Mustárdy, L. A. 9593
Mutapović, A. 2250
Muthamia, J. G. 5331
Muthuswami, S. 4289, 4477, 4479
Muthuswamy, S. 4490
Mutlugil, A. 5629
Mutton, L. 4320
Muzaffar, A. 1370, 8115
Mwaja, V. 5331
Mwakha, E. 3001
Mwang'ombe, A. W. 3805
Mwaule, Y. W. 2947
My, J. 3243
Myazaki, I. 616, 686, 6543
Myczkowski, J. 8790
Myers, D. F. 976-977
Myers, S. C. 6701
Mynett, K. 3506, 3526, 4350
Mzhavanadze, V. V. 6496
Naber, H. 8918
Nabeta, K. 3639
Nabi, S. G. 9165
Nadar, H. M. 6042
Nadir, M. 6706
Nadir, M. T. 554, 5593
Nadkarni, G. B. 5533
Nadler, A. 2049
Naengchomnong, W. 8254
Näf, R. 7241
Nag Chaudhuri, A. K. 8297
Nag, T. N. 5642
Nagabhushanam, S. 4696, 4702, 4706
Nagai, M. 6372, 7265, 9096, 9116
Nagai, N. Y. 7360
Nagakura, N. 1233, 1940
Nagalakshmi, S. 2100
Nagamoto, N. 3164-3165
Nagamura, S. 1802, 1812
Nagano, M. 1708
Nagao, M. A. 650, 9125
Nagar, P. K. 729, 8400
Nagarajan, G. R. 578
Nagaraju, A. P. 4701
Nagasaka, N. 8433
Nagasawa, M. 9130
Nagase, H. 7265
Nagata, T. 5488
Nagatani, A. 5294-5295
Nagayama, T. 4864
Nagels, L. 4600
Nagumo, S. 6372
Nagy, F. 8137
Nagy, J. 9674
Nagy, M. 9999
Nahir, D. 8946
Nahrstedt, A. 3707, 8415
Naĭchenko, V. M. 9539
Naĭdenova, I. N. 4123
Naidu, K. M. 5763
Naidu, P. H. 7319
Naik, B. J. 3788
Naik, G. 4180
Naik, G. R. 7434
Naik, M. K. 4579
Naik, S. 5282, 6068
Nainar, S. A. Z. 4488
Nainon, M. O. 5563
Nair, A. G. R. 3660, 4595
Nair, B. P. 4706
Nair, K. K. 427
Nair, M. 4769, 7295
Nair, M. C. 925
Nair, N. G. 2317
Nair, P. C. S. 666, 9259
Nair, P. K. C. 2961, 8420
Nair, P. K. R. 654, 5963, 10133
Nair, P. M. 1724
Nair, S. 1446, 7384
Nair, S. S. 2961, 4787, 8420
Nair, V. G. 1061, 1724
Naito, R. 8716
Nakagaki, S. 6118-6119
Nakagawa, H. 951, 8775, 9637
Nakagawa, J. 3433, 3435
Nakagawa, K. 2098, 4569, 5641
Nakagawa, T. 9662
Nakajima, F. 9412
Nakamura, H. 3164-3165, 4185
Nakamura, M. 5155
Nakamura, N. 1853
Nakamura, R. 2350, 9735, 10132
Nakamura, S. 614
Nakanishi, S. 8232
Nakanishi, T. 4550, 6367
Nakao, K. 8144
Nakar, R. 2576
Nakash, J. 4302
Nakashima, T. T. 2766
Nakatani, F. 2788
Nakatani, M. 3603
Nakatoh, H. 10182
Nakatsukasa, M. 431
Nakayama, F. S. 610, 5131, 5650-5652
Nakayama, K. 1541, 7489
Nakayama, R. 9191
Nakayama, R. M. 3399
Nakdimon, U. 2576
Nakkash, S. M. 3767
Nakura, M. 8303
Nalawadi, U. G. 7229
Namba, K. 9188
Namba, T. 556, 1206, 2788, 3664, 6429, 7291
Namboodiri, K. M. N. 9123
Nambudiri, E. S. 4726
Nameri, N. 8377
Namikawa, K. 387, 2543
Namiki, T. 9612
Nanayakkara, N. P. D. 1295
Nanba, K. 3164-3165
Nanda, K. K. 3508, 4367, 7952
Nandi, B. 4175
Nandi, P. K. 6968
Nanjan, K. 3638
Nannelli, R. 5884
Nantwi, A. 3818
Napadovskaya, L. V. 9620
Nappi, P. 5139
Naqvi, A. 1907
Naqvi, A. A. 1904
Naqvi, K. M. 6975
Nara, M. 9343
Naranjo Montes de Oca, F. 7429
Narasegowda, N. C. 3806
Narasimham, P. 2207, 7550
Narayana, K. H. S. 3641
Narayana, K. L. 4711
Narayana, M. R. 515, 8143
Narayanan, C. R. 476
Narayanan, C. S. 1916, 3613
Narayanan, K. K. 1061
Narayanappa, M. 7320
Narayanaswamy, P. 7229
Nard, M. le 4388, 6240, 7991
Nardi, V. 5012
Narendra Kumar 5535
Narendra Singh 5560, 9294
Nari, J. 5585
Narita, H. 1321, 3954, 9445
Narwadkar, P. R. 692
Narziss, L. 4526
Nascimento, A. S. 642
Nascimento, C. S. do 6409
Nascimento, D. F. 245
Naseema, A. 925
Nasir, A. 8226
Nasir, M. 6453, 9985
Nasiro, S. 10182
Nasr, C. 4465
Nassar, A. E. 4193
Nassi, M. O. 2727, 6234
Nasu, M. 4584, 8287
Nasyrov, Yu. S. 4258
Natali, P. 4948
Natali, S. 2247, 2321, 2893, 4992, 5008
Natarajan, C. P. 2100
Natarajaratnam, N. 2928
Natarella, N. J. 3933
Nath, A. R. 2786
Nath, S. C. 4485, 4528
Natwick, E. T. 2435
Nauer, E. M. 3735-3736, 7321
Naumann, W. D. 4928, 7534, 7536, 9453, 9557
Naumova, L. S. 64
Naumova, L. V. 9109
Nauriyal, J. P. 1411
Nautiyal, B. D. 8409-8410
Nava-Kuri, G. G. 5918
Nava, L. 4570
Nava, T. 6052
Navarrete, P. M. 709
Navarro, A. 3643
Navarro, C. 7245, 8147
Navarro, E. 3687, 9185
Navarro G., A. 3364-3365
Navarro, P. 9911
Navas, P. 6874
Navascues, J. 5181
Navatel, J. C. 5084, 5090, 7570
Navissano, G. 915
Navrekar, S. M. 8148
Nayak, M. L. 2029, 2032
Nayamut, R. H. 5770
Naylor, L. M. 9029
Nazar Singh Onkar Singh Bansal, M. L. 9295
Nazarenko, L. G. 9131
Nazer, C. J. 9891
Ndon, B. A. 1388, 4758-4759, 5655, 5752
Neal, C. A. 3418, 8764
Neale, P. J. 8773
Neamțu, G. 1010
Nečesaný, V. 3953
Nedelcheva, S. 1596
Nederhoff, E. M. 5236, 8838
Nee, T. Y. 9947
Needs, R. A. 1619
Neelakantan, S. 7270
Negbi, M. 6232
Negi, S. S. 5118
Negm, F. B. 6311
Negrini, M. G. 6661
Negrón, J. 9685
Negroni, B. 5371
Nehls, W. 756
Nehra, B. K. 2358
Nehru, C. R. 2092
Neilsen, G. H. 8530, 8701, 9429
Neilson, W. T. A. 7627
Neimanis, S. 7047
Nel, D. D. 872
Nel, D. J. 5737, 7391, 10131
Nel, M. 8125
Nell, T. A. 2715, 4445, 6298, 7170, 7194, 8072
Nelli, E. J. 7427-7428
Nelson, E. 7601
Nelson, J. M. 8785
Nelson, J. W. 8648
Nelson, N. 5978
Nelson, S. O. 7474
Nema, A. G. 9234
Němcová, A. 7009
Németh, I. 171
Nemoto, M. 208
Nenadić, D. 8636
Nenadović-Mratinić, E. 2237, 2260
Nenić, P. 8600
Nerd, A. 10040-10042
Neri, D. 5032, 5035
Nerson, H. 1007-1008, 2412, 2443, 3335, 4186, 6017, 6944, 7770
Nes, A. 7591, 8630, 8749, 8797
Nesbitt, L. R. 567
Nesbitt, W. B. 1638, 3223
Neshev, M. 2740
Nesselroad, P. E. 91, 820, 6724
Nessler, C. 2799
Nessler, C. L. 1347, 10019
Nestby, R. 148, 1630, 8671
Nesterov, Ya. S. 4894-4895, 6730
Netherlands, Laboratorium voor Bloembollenonderzoek 14
Netherlands, Laboratorium voor Bloembollenonderzoek, Lisse 7146
Netherlands, Proefstation voor de Tuinbouw onder Glas 2410, 6980
Netherlands, Regionale Consulentschappen Akkerbouw, Tuinbouw en CAD-Gewasbescherming 1574
Netherlands, Research Station for Fruit Growing 6616
Neto, J. C. B. 5562
Netscher, C. 353, 932
Neubauer, B. F. 3187
Neubeller, J. 615
Neuberger, M. 2485
Neubert, B. 6111
Neuendorff, E. W. 8645
Neukomm, H. 164
Neumann, D. 10000
Neumann, K. H. 9311
Neveur, N. 7965
Nevins, D. J. 8319
New Zealand, Department of Scientific and Industrial Research 1
New Zealand, Levin Horticultural Research Centre 876-877, 3195, 6617
New Zealand, Levin Horticultural Research Station 4065, 4067
New Zealand, Templeton Agricultural Research Station 2274
Newbery, J. E. 1783
Newell, A. 6641, 9335
Newell, C. 7226
Newton, K. 6528
Newton, M. G. 1958
Newton, P. J. 6480, 8320
Newton, R. D. 3579
Newton, R. P. 5277, 7740
Nezu, K. 1264
N'Famba, K. 7852
Ng, A. L. 5253
Ng, K. H. 1342, 9273, 10172
Ng, T. J. 6018
Ngah, W. A. R. 4704
Ngalani, J. A. 5740
N'Goran, K. 5744
Nguen Hoang 10001
Ngugi, C. W. 2289
Nguyen, D. D. 7277

Nguyen, P. V. 9915
Nguyen-The, C. 4023
Ni, M. Y. 1290
Nicholas, I. 5894
Nicholls, E. 8034
Nicholls, F. 3559
Nichols, L. P. 5527
Nichols, M. A. 3386, 4282
Nichols, R. 3008, 7908
Nicholson, A. G. 9663
Nicholson, R. 1240
Nickell, L. G. 6845
Nicod, F. 4537
Nicolas, D. 8417
Nicolás, G. 1038
Nicolas, J. 2352
Nicoletti, M. 4543, 8181, 9186, 9988
Nicoli, A. M. 1410
Nicolson, D. H. 10058
Nidiry, J. 1316
Nie, H. 9678
Nie, R. L. 6407
Niebisch, R.-M. 2572, 4383
Niederhäuser, R. 3103
Niekerk, M. N. van 9926
Nielsen, D. G. 1208
Nielsen, G. H. 3102
Nielsen, O. F. 3061, 8470
Niemann, G. J. 480
Niemietz, C. 2370
Niers, H. 410, 1157, 6292
Nieto Angel, R. 4924
Nieto Calderón, J. 9586
Nieuwhof, M. 9666
Nieuwkerk, J. P. van 9407
Nieves, F. 5675
Nigam, K. B. 595, 4598
Nigam, M. C. 507
Nigam, S. K. 1979, 2755, 4515, 6373
Nigam, S. S. 8210
Nigeria, Cocoa Research Institute 6618
Niggli, U. 3103, 5911, 9417
Nightingale, A. E. 1196
Nihira, J. 993
Nii, N. 9490
Nijjar, G. S. 629
Nijskens, J. 1539, 3039, 3048, 9345
Nikitenko, N. V. 5134
Nikitenko, S. S. 3219
Nikitina, A. Ya. 7747
Nikitushkin, M. F. 7239
Nikolaev, A. G. 5544
Nikolaeva, G. G. 9144
Nikolaeva, N. G. 6751
Nikolaishvili, R. V. 10068
Nikolau, B. J. 41
Nikolić, M. 2250
Nikolov, S. 1301, 7262
Nikolova, B. M. 1901
Nikolova, N. 3589
Nikonchuk, V. N. 6310
Nikulina, G. N. 9722
Nilovskaya, N. T. 2539
Nilsen, S. 2730
Nilsson, G. 761, 8480
Nimbalkar, J. D. 2464
Nimri, N. 10129
Nimura, M. 8232
Ninan, C. A. 3622
Ninkovski, I. 1584, 2149, 5879, 8581, 8584, 8586
Nir, G. 9576, 9595-9596
Nirmalaya Banerjee 4683
Nisa, M. 2603, 3678, 8216
Nisen, A. 893, 1539, 3039, 3048, 9345
Nishibe, S. 1885-1886, 7281
Nishida, K. 7491
Nishida, R. 5714
Nishihara, Y. 1856-1857
Nishijima, C. 1609
Nishijima, W. T. 5409
Nishima, T. 4864
Nishimune, A. 9668
Nishimura, H. 3164-3165, 9977
Nishimura, M. 1802-1803, 7784
Nishimura, S. 9612
Nishimura, Y. 9600
Nishino, M. 5698
Nishino, T. 9943
Nishio, J. N. 844, 3152
Nishio-Wong, J. Y. 4652
Nishioka, I. 555, 1250, 2784, 7272-7273, 7375-7376, 8281, 9304, 9977
Nishitani, K. 9672
Nishitoba, T. 1146, 9178
Nishiyama, K. 2018
Nishiyama, Y. 9412
Nishizawa, M. 556, 9179
Nissen, P. 231-232
Nissen, R. J. 7385-7386, 10181
Nito, N. 4134
Nitta, N. 9594
Nitta, T. 4155
Nitz, S. 8497
Nitzsche, J. 757
Niu, W. H. 9025
Niwa, H. 3691
Niwa, M. 1965
Nixon, C. P. 6316
Nixon, P. L. 6316
Nixon, P. R. 2126
Njar, V. C. O. 4496
Njoroge, J. M. 1473-1474, 3802
Nkengfack, A. E. 4565
Nkumbula, S. 5264
Nkunya, M. H. H. 3722
Noack, B. 4889
Noat, G. 5585
Nobel, P. S. 1187, 2650, 5465, 5552, 6265, 7167, 7173, 9041, 9048, 9868
Noble, R. 9775, 9778
Nobles, R. 1234
Nóbrega, A. C. 6519
Noda Betancourt, C. 7429
Noda, M. 3357
Noé, W. 2771, 9970
Noga, G. 101, 9428
Nogare, L. Dalle 5033
Noguchi, H. 1971, 9671-9672
Noguchi, T. 8268-8269, 9975
Nogueira, V. S. 8396
Nohara, T. 565, 1366, 2769, 2803, 3543
Noiret, J. M. 4753
Nolin, J. 2074
Nolte, F. 1847, 4366
Nolting, R. 1077
Noma, Y. 9858, 10088
Nome, S. F. 458
Nomoto, K. 2147
Nomura, T. 2007, 2768, 2794, 8262, 9187, 10016
Nonaka, G. 555, 1250, 7272-7273, 7375-7376
Nonaka, G. I. 2784, 9304
Nooh, A. E. 8099
Nordestgaard, A. 8952
Nordin, H. L. 5581
Noro, T. 1367, 2807, 5635, 7300
Noronha, J. F. de 5656
Northcote, D. H. 7071
Northover, J. 110
Nortjé, P. F. 3271
Norton, C. R. 1892, 3581, 3593, 4458, 6775, 7131
Norton, J. D. 2411, 3337-3338
Norton, J. M. 2368
Norton, M. E. 3581, 3593, 4458
Norton, M. V. K. 5148
Norway, Norges Landbruks Vitenskapelige Forskningsråd 745
Norwood, J. M. 3311
Nosal, K. 9424
Nose, A. 7416
Nosul'chak, E. A. 7680, 7682
Nosul'chak, V. A. 7682
Nothnagel, E. A. 5508
Noticias Agrícolas, Venezuela 1733
Noto, G. 5316, 7141
Notton, B. A. 3967
Nougarède, A. 3878
Nour, A. A. M. 3768
Nourse, T. M. 8658
Nouy, B. 8417
Novák, F. J. 4813
Novák, J. 4516
Novak, J. R. 9610
Novák, K. 7539
Novak, M. 3154
Novák, V. 6005, 7061
Nováková, E. 4083
Novaretti, W. R. T. 7427-7428, 7432
Novikov, B. N. 7053
Novikova, G. V. 1712
Novitskaya, T. N. 5696
Novoa S.-A., R. 5115
Novoselova, A. N. 7960
Novotná, I. 2608
Novotná, M. 3938, 3943
Novotny, J. F. 5584
Novotný, L. 1999
Nowak, J. 3477, 3526, 7901
Nowicki, B. 4196
Nowosielski, O. 31
Nowosielski, S. B. 7633
Nozaki, H. 3694
Nozaki, Y. 1672
Nozoe, S. 1247
Nsimba-Lubaki, M. 6774, 8234
Ntezurubanza, L. 4512
Ntimbwa, T. 1098
Nucé de Lamothe, M. de 4729
Nucifora, A. 2346, 6208, 6481-6482
Nuez, F. 988, 4333
Nugent-Rigby, J. 6966
Nuland, D. S. 9703
Nunes, D. Jr. 2976
Nunes, M. A. 8391
Núñez, A. J. 5715
Núñez de Castro, I. 6135
Nuñez-Elisea, R. 2087, 6541, 6544, **9271**
Núñez, M. 4624
Nuñez Vazquez, M. 3752
Nur, M. A. 2077
Nuraliev, Yu. N. 9126, 9205
Nurhawaty-Siagian 10184-10185
Nuridsány, M. 9173
Nurmukhamedov, M. R. 6398
Nus, J. L. 8010, 9860
Nutakul, W. 9984
Nutty, F. J. 5518, 9919
Nwalozie, M. 9727
Nwankiti, O. C. 7994
Nyananyo, B. L. 5367
Nyárádi-Szabady, J. 8283
Nyarko, A. K. 1374
Nyasse, B. 2004
Nyéki, J. 799, 834-835, 855, 9521
Nylund, J. E. 1897
Nyman, L. P. 466
Nzuzi Di Mboma 4541
Oag, D. R. 10155, 10165
Oaks, A. 8775
Oates, J. E. 6068
Oates, K. 9094
Oatman, E. R. 9219
Oba, S. 9609
Oba, T. 951
O'Bannon, J. H. 1413
Obara, M. 2626
Obaseki, A. O. 1304
Obata, S. 7255
Obatolu, C. R. 8425, 10194
Obawole, A. B. 4722
Obdržálek, J. 1884
Oberhofer, H. 809
Obiefuna, J. C. 8375, 9258
Obigbesan, G. O. 669
Oblisami, G. 4695
Obminskaya, T. K. 5904, 8670
Obori, T. 9116
O'Brien, M. 774
Obrist, J. 9443
Obrucheva, N. V. 4226, 4251
Oca, F. Naranjo Montes de 7429
Occelli, P. 5951, 9577
Occhiuto, F. 1333, 8212-8213, 8220
Occorso, G. 158
Ocegueda Z., A. 8156
Ochiai, H. 5225
Ochiai, T. 8244
Ochir, G. 1751
Ochs, R. 8405
Oda, H. 5621
Oda, K. 2568
Oda, T. 3639
Odabashyan, F. M. 8323
Odbert, N. 7361, 7562, 7572
Odebiyi, O. O. 3688-3689, 8256
Odgaard, P. 2704
Odneal, M. B. 910, 8674
Odonmažig, P. 97
Oechel, W. C. 3204
Oehlke, D. 4470
Oele, J. 3950
Oen, H. 1607
Oertli, J. J. 1548, 4834, 9011, 9754
Oetting, R. D. 7897
Offer, R. 2036-2037
O'Flaherty, T. 3422
Oga, S. 4589
Ogašanović, D. 2228, 8623
Ogata, R. 4915
Ogawa, J. M. 8620
Ogden, M. A. H. 3860
Ogihara, K. 7234
Ogihara, Y. 1941, 2007, 5639, 6370, 6435
Ogle, W. L. 8893
Ognyanov, I. 1949, 2737
Oguakwa, J. U. 570, 9988
Ogungbade, O. K. 7833
Ogunlana, E. O. 8218
Oguntimein, B. 3647, 10115
Ogura, H. 4582
Ogura, N. 8775, 9637
Ogwa, N. 951
Oh, D. G. 1698-1699, 5210
Oh, H. I. 8719
Oh, J. H. 1624
Oh, M. O. 5517
Oh-Oka, H. 4268
Oh, S. D. 4937-4938, 7533
Oh, S. M. 5366
Oh, Y. J. 5223
Ohashi, H. 9106
Ohkurano, T. 7143, 9839
Ohloff, G. 7241
Ohlrogge, J. B. 4271
Ohmiya, S. 3601, 6393, 9115
Ohmori, K. 9662
Ohmori, M. 1676
Ohmori, S. 2996
Ohmoto, T. 1988, 2800, 6419, 8175
Ohno, F. 5709
Ohno, N. 2787, 6169, 8963
Ohno, Y. 7297, 8244
Oho, N. 8431
Ohsawa, K. 2018
Ohshima, Y. 7297, 7301
Ohta, D. 6163
Ohta, H. 10182
Ohta, Y. 1373
Ohuchi, K. 1323
Oikawa, S. 2787, 8963
Oioli, A. A. P. 688
Ojewole, J. A. O. 564, 5640, 6357
Ojima, M. 2262, 2265, 3141, 3143-3144, 3182, 4016, 4046, 4680, 8211, 8508
Ojinnaka, C. M. 3696
Ojuederie, B. M. 4754
Okabe, M. 2680
Okada, M. 5709, 9346
Okada, N. 5688

Okamoto, A. 8305
Okamoto, G. 9600
Okamoto, K. 1430-1431, 2061-2062, 9242
Okamoto, K. T. 8254
Okamoto, N. 2577
Okamoto, T. 8551, 9473
Okamura, K. 1517, 2993
Okamura, N. 9150
Okamura, T. 211
Okano, K. 283
Okano, M. 3671
Okayama, K. 1629, 1668
Okecj, M. 1300
Okie, W. R. 9496
Okinaka, T. 9889
Okiy, D. A. 3393
Okogun, J. I. 3665, 3704
Okoli, B. E. 2448
Okruszko, B. 362
Oksuzyan, L. A. 8367
Oktay, M. 2858, 5692
Okuda, H. 1363, 9187
Okuda, T. 556
Okudai, N. 9230
Okumoto, T. 8967
Okuyama, T. 8268-8269, 9975
Oladiran, J. A. 7072
Oladokun, A. O. 10148
Olaleye, E. A. 2519
Olander, S. 7609
Olasantan, F. O. 7830
O'Leary, M. H. 456
Oleshko, G. I. 1312, 6376
Olien, W. C. 6692, 7541
Olímpio Carderán, J. 7427, 7432
Olitta, A. F. L. 5874
Oliva, A. 1839
Oliva, H. 4657
Oliva, M. A. 5761, 9286
Oliveira, A. A. R. 6044
Oliveira, C. A. L. de 4649
Oliveira, D. A. 616, 686, 1120, 1509, 2458, 2975, 2977, 9014
Oliveira, D. de 3963
Oliveira, J. C. 6508
Oliveira, J. C. de 652
Oliveira, J. J. 1722
Oliveira, M. de A. 6037, 6957
Oliveira, S. A. de 3322
Oliver, E. G. H. 4443, 9887
Oliveri, F. 188
Olivier, J.-M. 789
Olivin, J. 8402-8403
Ollerenshaw, P. J. 5522
Ollivier, B. 3809
Olmo, H. P. 5114
Ologhobo, A. D. 301
Olorunda, A. O. 1745
Olowokudejo, J. D. 5367
Ołowski, M. 8803
Olschwang, D. 573
Olsen, J. A. 1043
Olsen, K. L. 792, 1555
Olsen, L. G. 8648
Olsen, M. W. 612
Olsnes, S. 2762
Olson, M. H. 7587-7588
Olson, S. M. 2514
Olszak, R. 3179
Olszewski, T. 4880
Olufokunbi, B. 2901
Olumekun, V. O. 5719
O'Mahoney, M. 7361, 7562, 7572
Omant, C. 9287
Omar, D. 9273
Omar, M. S. 3764
Omar, N. M. 5287
Omolo, J. G. 9300
Omont, H. 7421
Omoti, U. 9276
Onabanjo, A. O. 1340
Onawunmi, G. O. 8218
Onda, M. 7760
Önder, E. P. 4977
Ondřejová, V. 9783
O'Neill, M. J. 1289
Onesirosan, P. T. 7823
Onesto, J.-P. 1874
Ong, A. S. H. 3819
Ong, C. A. 5313
Ono, M. 3543
Ono, S. 10064, 10089
On'Okoko, P. 588
Onstad, D. W. 3109
Onuma, K. 5974, 6118-6119
Önur, M. A. 8253
Önür, M. A. 9995
Onwubuya, I. I. 4756, 5654, 6548
Onwybuya, I. I. 9276
Oo, K. C. 3819
Oobori, T. 9116
Oohata, J. T. 6486
Oosawa, H. 6649
Oosten, H. J. van 3093-3096, 6512
Oosterhuis, D. M. 7468
Oosthuizen, S. 8398
Oosting, I. 9903
Ootani, S. 9036
Opanasenko, V. K. 2372
Opatrná, M. 9834
Opferkuch, H. J. 1325
Opletal, L. 4558
Opoku, A. R. 5755
Opute, F. I. 5755
Or, E. 9255
Orabi, A. A. 4319, 9753
Oravec, V. 8174
Orbey, M. T. 4976
Ordosgoitti, A. 1504
Ordovas, J. M. 2067
O'Reilly Legón, J. 7429
Orfeo, F. 6942
Oriol Marfa, J. 22
Oriolani, E. J. A. 214
Orion, D. 2624
Orlando Filho, J. 2109
Orlikowski, L. B. 83
Orlov, P. N. 1556, 2150
Orlova, K. V. 5966
Orłowski, M. 3268, 3270, 3325, 3436, 4170, 8738-8739, 8801-8802, 8804
Ormand, K. L. 1477
Ormrod, D. P. 4313, 6082, 9686, 9744
Orndorff, K. 8466
Orosz, F. 9173
O'Rourke, E. N. 4418-4419
O'Rourke, E. N., Jr. 1768
Orphanos, P. I. 3424, 9431, 10078
Orr, G. R. 5529
Orr, J. P. 6121
Orsini, F. 2894
Ort, D. R. 210, 5343
Ortega, A. 4578
Ortega Delgado, E. 10205-10206
Ortega, J. E. 6959
Ortega, J. M. 1671
Orth, R. E. 1414
Ortiz, A. J. 4718
Ortiz Cerecéres, J. 1029
Ortiz, J. M. 1420
Ortiz Marcide, J. M. 6460
Orton, E. R., Jr. 8065
Orton, T. J. 4341
Orudzhev, O. A. 8518
Orzolek, M. D. 2338, 3417
Os, E. A. van 8727
Os, P. van 5477
Osada, H. 8268-8269, 9975
Osaer, A. 7464
Osagie, A. U. 5755
Osajuyigbe, Y. 4736
Osawa, Y. 3319
Osborne, B. A. 4867
Osborne, D. J. 296
Osborne, L. S. 3558, 6267
Osborne, M. G. 4496
Osele, F. 2319
Osgood, R. V. 1507, 2097
Oshima, T. 8211, 8242
Oshima, Y. 6410, 6442, 9938, 10015
Oshri, S. 486
Osińska, B. 9504
Osipov, Yu. V. 4965
Oskman-Caldentey, K. M. 8251
Oskoui, M. T. 8228
Osman, S. M. 492, 8231, 9211
Osmani, R. 832
Osmani, Z. 5557
Osmond, C. B. 7491, 10033
Osnos, G. D. 9088
Osovskaya, G. V. 5556
Ossandón, E. 758, 3038
Ossani, V. 871
Osseni, B. 10179-10180
Ossipov, Y. u. V. 4965
Ossom, E. M. 1714
Ostarhild, H. 3081
Ostolaza, C. N. 1197
Ostromenskiĭ, A. B. 1273
Ostroverkhov, V. I. 5177
Ostrovskaya, L. K. 9570
Ostrowska, K. 5865
Ostrowski, W. 5865
Ostrožlík, M. 6925
Osumi, M. 1708
Oświęcimska, M. 5995, 8267, 8821
Oświecimski, W. 361, 366
Oszmianski, J. 8715
Ota, N. 2147
Otake, K. 10003
Otake, N. 8192, 8194
Otani, H. 4833
Otedoh, M. O. 6342
Othieno, C. O. 9300
Otomasu, H. 3601, 9115
Otsuka, H. 9151
Otsuki, K. 2271
Otto, B. 4358
Otto, G. 5847-5848
Ottosen, C. O. 7021, 8921
Ottwell, K. K. 1606
Otusanya, O. O. 5753
Otyrba, Z. M. 8323
Ou, P. 3755, 7353
Ough, C. S. 5157
Ourecky, D. K. 4060, 4076
Outlaw, W. H., Jr. 1255, 2146
Ouvrier, M. 1467
Ovádi, J. 9173
Ovadia, S. 8825
Overman, A. J. 2518, 3490, 6131
Ovsyannikov, A. S. 6679, 7545, 7635
Ovsyannikova, E. N. 1001
Owen, C. T. 9029
Owens, V. 7935-7936
Owens y de Novoa, C. 6680
Owrenn, D. 8994, 9070
Owttrim, G. W. 6270
Owuor, P. O. 3003, 3265, 7442
Owusu, G. K. 5741
Øydvin, J. 7604
Özeki, Y. 1094, 1748
Özercan, A. 2858
Ozeri, Y. 7155, 8988
Özimina, I. I. 6323, 6404
Özsan, M. 2843, 4643, 6463
Öztekin, A. 2798
Pabst, G. 8088
Pace, R. D. 8955-8956
Pachaly, P. 6440
Pacheco, A. R. 4755
Pacheco, V. C. 2949
Pacini, C. 2342
Pack, M. Y. 1362, 1995
Packer, N. 9723
Packham, N. K. 3303
Packiyasothy, E. V. 4481
Padaki, P. M. 5387
Padmakumari, K. P. 1916
Padmanabhan, D. 2867
Padmawinata, K. 9184
Pădurariu, S. 6737
Padwal-Desai, S. R. 5533
Paek, K. Y. 1825, 1831, 2671, 4359, 5517, 6281
Paetzke, M. 3577
Paez Sánchez, M. T. 9867
Pagalday, L. 1087
Page-Degivry, M. T. le 293, 1014, 7795
Page, Y. M. 4403, 10007
Pages Pallares, M. 1151
Pagni, A. M. 5574
Pahiyath, G. 813
Pahlke, K. 1177
Pahup Singh 3712
Paily, J. 7215
Pair, J. C. 6293
Pais, J. 7683
Pál, A. 4498
Pal, B. C. 4572
Pal, R. K. 3269
Pal, S. K. 5592
Pala, M. 5665
Palacios, A. 5767
Palagyi, E. 6707
Palamarchuk, L. P. 5445
Palaniswami, V. 4692
Palasian, T. N. 5027
Palazyan, T. N. 5027
Paleg, L. G. 5344
Palejwala, V. A. 2326
Palevitch, D. 6418
Palevsky, E. 7538
Palkovics, M. 179
Pall, J. 6221
Palladīna, T. O. 5299
Pallara, A. 3904
Pallardy, S. G. 6287
Palm, G. 3106
Palma, E. de 6895
Palma, L. de 3741
Palmer, J. A. 7232
Palmer, M. J. 8820
Palmer, M. V. 4221
Palomino, G. P. 389
Palser, B. F. 2699
Palta, J. P. 9099, 9664
Paludan, N. 2703
Paluschka, H. 9554
Pal'vanmuradov, O. 4306
Palzkill, D. A. 8312
Pamin, K. 9277
Pan, S. 1278
Pan, S. L. 8194
Panaiotu, M. P. 10056
Panchuk, B. D. 8200
Pandeliev, S. 1644
Pandev, S. 3405
Pandey, H. C. 2761
Pandey, O. P. 3562
Pandey, R. M. 692, 9280
Pandey, R. S. 665
Pandey, S. 1944
Pandey, S. C. 4180
Pandey, S. Y. 1415
Pandey, U. B. 943, 3426, 4148
Pandey, V. B. 727, 1520-1521
Pandit, S. V. 3345, 4246
Pandita, M. I. 2359
Pandita, M. L. 5352
Panduranga Rao, C. 1506
Panea, T. 5023
Pang, Q. Y. 1405
Pangarova, T. 2789
Panigrahi, U. C. 7233
Panjaitan, A. 6529, 9278
Pank, F. 5545
Pankin, I. P. 162
Pankov, V. V. 4147, 6872
Pankow, W. 7707
Pannetier, C. 4753
Pannu, B. S. 3841
Panova, D. 1301, 7262
Panova, G. A. 1298
Panova, L. N. 7188
Pant, A. K. 1908, 3633, 4514
Pant, G. 7260
Pant, P. C. 4205
Pant, R. C. 4765
Panter, K. K. 7104
Pantulu, A. J. 6162
Panuve, M. 8157
Panzanelli, A. 5983, 6894
Paoli, M. de 7677
Paolillo, D. J., Jr. 7935-7936
Papadaki, M. E. 2436
Papadakis, C. 4492

Papademetriou, M. 2830
Papadopoulos, A. 10102
Papadopoulos, A. P. 8927
Papadopoulos, I. 3425
Papageorgiou, V. P. 1751
Papageorgiu, V. P. 4492
Papalexandris, C. X. 867
Papanov, G. 590
Papanov, G. Y. 1910
Paparić, A. 8578
Paparozzi, E. T. 3354
Papavizas, G. C. 985
Papayiannis, C. 8352
Papenhagen, A. 1132, 6262
Papp, J. 799
Pappiah, C. M. 4695, 4709
Paprštein, F. 7507
Para, S. P. 987
Paradis, R. O. 3963
Paradisi, U. 5207, 5359-5360
Parameswaran, N. K. 3785, 3787
Parasar, G. C. 1277, 3655
Parashar, K. S. 6571
Paratore, A. 4844, 7014
Pardatscher, G. 2106
Pardo, A. 4640
Pardo, J. 10205
Paredes, E. 8916
Pareek, O. P. 4791
Pareek, S. K. 8120, 8131
Pareilleux, A. 4554, 9162
Parent, L. E. 1666
Pares, P. L. 22
Parfitt, B. D. 1198
Parfitt, D. E. 6748
Parikh, H. R. 2326
Parimoo, P. 2005
Paris, H. S. 1007-1008, 2412, 2443, 3335, 4186, 6944, 7770
Parish, C. L. 9435
Parish, R. L. 718, 9296
Parivar, F. 3525
Park-Brown, S. 3467
Park, D. M. 3168
Park, E. Y. 7590
Park, H. S. 1707
Park, I. H. 2602
Park, J. M. 4938
Park, K. W. 258, 5221, 5223
Park, M. H. 5620
Park S. J. 3908
Park, Y. J. 5424
Parke, J. M. 8761-8762
Parker, W. C. 6287
Parkes, K. E. B. 7844
Parkin, A. 2366
Parks, C. R. 4437-4438
Parksepp, Ī. 131, 136
Parksepp, J. 131, 136
Parliment, T. H. 5538
Parma, P. 4026
Parmar, N. S. 2024, 3721
Parmar, V. S. 578
Parnell, A. 5999
Parnia, C. 4969
Parnia, P. 4966
Paroni, S. 6663
Parr, A. J. 9163
Parr, T. W. 5458, 8004
Parra, C. R. 5704
Parra, M. 3675, 6833
Parrella, M. P. 2589
Parrilli, M. 445
Parrini, F. 7114
Parrish, D. J. 1550
Parrish, F. W. 7440
Parrott, W. L. 1618
Parry, M. S. 3092
Parshikov, V. K. 1115, 6247
Parsons, L. R. 2045, 4638
Parthasarathi, K. 1919, 3641
Parthasarathy, P. C. 1958
Parthier, B. 2438
Parvinder Pal Singh Minhas 6564
Parynow, H. 3263
Pascard, C. 5637
Paschold, P. J. 3306, 5962, 7723
Pascual, B. 1099-1101
Pascual, C. 4591
Pascual Teresa, J. de 2744, 4593
Paseiro, P. 2927
Pashkar, T. 4173
Pashnev, P. D. 6408, 6434
Pasini, C. 5394
Pasquale, A. de 1333, 8212, 8220
Pasqualone, S. B. 4873
Passacantilli, P. 4543, 8181, 9186
Passannanti, S. 576, 599
Passaquet, C. 7939
Passeri, P. 5321
Passioura, J. B. 5800
Passos, F. A. 3357
Passos, I. R. da S. 3224, 3228
Pasterkamp, H. P. 9831, 9846-9847
Pasternak, D. 3026, 5179
Pasternak, G. 5862
Pastor, M. 1436-1437
Pastor Muñoz-Cobo, M. 651
Pataki, L. 6653
Pate, J. S. 7089
Patel, B. N. 8873
Patel, C. C. 375
Patel, H. R. 4474-4475
Patel, J. A. 5534
Patel, J. C. 4473
Patel, K. R. 2243
Paternostro, M. 576, 599, 4591
Paterson, V. J. 4055
Pathak, S. P. 5561
Pathak, V. P. 9141
Patience, P. A. 6297
Patil, A. A. 3451
Patil, B. D. 6963
Patil, B. E. 4257
Patil, B. P. 4785, 8148
Patil, K. B. 2447
Patil, K. D. 2911
Patil, N. D. 6579
Patil, P. K. 2084
Patil, R. S. 3282
Patil, S. G. 152
Patil, S. K. 1717, 3283
Patil, T. M. 7434
Patil, U. B. 345
Patil, V. K. 699, 2084, 3238, 7978
Patil, V. P. 152
Patil, V. S. 1665
Patiño, V. M. 4804
Patočka, K. 934
Paton, N. H. 720
Patrício, M. T. S. 8255
Patro, C. 4697
Patro, G. K. 7233
Patron, P. I. 5962
Patru, N. 5023
Pătrușcă, E. 4317
Patten, K. D. 8571, 8573, 8645
Pattenden, G. 7844
Patterson, B. D. 1551
Patterson, C. L. 2386
Patterson, D. T. 5256
Patterson, G. R. 8383
Patterson, G. W. 8991
Patterson, K. J. 6784
Patterson, M. E. 8573
Patterson, R. M. 4362
Patti, I. 498
Patudin, A. V. 9144
Patwardhan, M. V. 7082
Patzer, H. 5391, 9884
Pätzold, G. 3087, 8513
Pätzold, V. 7552
Paul, D. 10039
Paul, J. L. 3492, 3602, 7103
Paul, L. 2232
Paul, R. 6673, 7224
Paul, W. D. 6597
Paul, Y. 1713
Paulet, P. 956, 3309, 5364
Paulin, A. 3483, 6185, 6194, 7910, 7924
Paulino Fo., H. F. 2811
Paulitz, T. 9667
Paull, R. E. 9282
Pauly, G. 5706
Păun, E. 1259
Paunović, A. S. 2244
Paunović, S. 2224
Paunović, S. A. 4015
Pavan, M. A. 4737, 8393, 9268
Pavanand, K. 9984
Pavani, M. do C. M. D. 652
Pavlík, J. 2138, 9337
Pavlov, A. 8703
Pavlov, P. 384
Pavlova-Ivanova, L. K. 1155
Pavlova, N. 2789
Pavlova, V. P. 4147
Pavlović, L. 8590
Pavlović, V. 842, 8590
Pawar, A. B. 613, 1352, 9214-9216
Pawar, A. D. 7431
Pawar, D. B. 4198, 4257, 6963
Pawar, L. G. 4785
Pawar, R. N. 2503, 4296
Pawar, S. N. 1415
Pawar, S. S. 2929
Pawelka, K. H. 5618
Paxton, B. 1499
Paxton, B. F. 3769, 7367, 7406, 8346, 8348
Payá, M. 8276
Payne, C. B. 775
Payne, J. 9990-9991
Payne, J. A. 3176, 5062, 7576
Paz, L. G. da 1019
Paz, N. 7821
Peacock, B. C. 10157, 10170, 10173
Peacock, C. H. 1178, 2630, 2636-2638, 3546, 6255
Pearson, J. F. 7649
Pearson, K. 4951
Pearson, R. C. 5954, 6841
Peart, E. 10074
Pebeyre, P. J. 6171
Pech, J. C. 4328, 4946
Peck, D. 5658
Peck, D. E. 7156
Peck, N. H. 6001
Pecorari, P. 1266
Pedersen, J. 1169
Pedrera, B. 3746, 4642, 6540
Pedroza, G. 7211
Peel, C. H. 8006-8007, 8015
Peerbooms, H. 894
Peet, M. M. 2527, 5255-5256, 7052
Pegg, K. G. 2834
Peila, K. 9605
Peiser, G. 7919
Peiser, G. D. 43
Pejkić, B. 4044
Pejović, L. J. 6822
Pek, H. H. 5960
Pekhov, A. V. 5101
Pekić, B. 4157
Pekić, M. 8590
Pekić, N. 581
Pelacho Aja, A. M. 1384-1385
Pelczer, I. 9181
Peleg, B. A. 8335
Peleg, K. 2110
Pelissou, H. 10143
Pelizzoni, F. 2894
Pellecuer, J. 516
Pellegrin, P. 6392
Pellegrino, P. 1097
Pellerin, S. 3849
Pelletier, S. W. 1958
Pellizzari, G. 806
Pelosi, L. A. 584
Pelser, P. du T. 8344
Pelsmaeker, M. De 974
Pemberton, H. B. 483-484, 9019
Peña, I. 4632
Peña, J. 8537
Peña, M. de 678
Pena, N. B. 3669
Penders, L. H. M. M. 4935
Penel, C. 8778, 9635
Peng, X. 2052
Pěnková, I. 4580
Penna, E. 5699
Penningsfeld, F. 3566, 4429
Pennone, F. 815
Pennucci, A. 6257
Peppel, H. F. van de 5500
Percivall, A. L. 6007, 6154
Perebeĭnov, V. S. 7239
Pereda-Miranda, R. 9196
Pereira, A. da S. 4304
Pereira, A. L. G. 9233
Pereira, A. R. 2988
Pereira Alves, R. C. 2864
Pereira, F. M. 688
Pereira, J. L. 3791
Pereira, J. R. 8931
Pereira, M. de F. D. A. 2306, 2327
Pereira, M. F. A. 5925
Pereira, P. 709
Pereira, R. C. 2903-2904
Perepadya, Yu. G. 5835
Perepelitsa, A. P. 4996
Perera, P. 1371
Perera, W. G. S. 398
Peretz, J. 7020
Pérez, A. 1471
Pérez, A. L. 4570
Pérez-Amador, M. C. 10036
Pérez-Bermúdez, P. 2783
Pérez, C. 7564
Pérez Corcho, M. 2989
Pérez G., R. M. 8156
Pérez, I. 4745
Pérez, J. 4804
Pérez, J. M. 4632
Pérez, L. 6958
Pérez, M. 698, 4640
Pérez, M. del C. 4657
Pérez Magallanes, V. M. 4995
Pérez Martínez, J. J. 4150
Pérez, R. 7387, 10060
Pérez Vicente, L. 1458
Pergola, G. 2578, 3479
Peries, O. S. 4776
Perkins, L. M. 1234
Perko, J. 8471
Péron, J. Y. 9773
Perovíc, N. 6830
Perrier, X. 6516, 7393, 8372
Perrin, E. 4835
Perring, M. A. 3973, 4951, 6731, 9382
Perron, Y. 1666
Perry, K. B. 7015, 8666, 8846, 9414
Perry, R. L. 98, 7513
Perucco, E. 6196, 7825
Peschiera, M. 3902
Pesis, E. 6018, 10111
Pessarakli, M. 2343
Pet, G. 7839
Pete, A. 9521
Petel, G. 7725
Péter, H. M. 7261
Peter, T. 4710
Peterburgskiĭ, A. V. 6045
Peterburgsky, A. V. 2999
Peterlunger, E. 5022
Peters, S. C. 8645
Petersen, B. H. 8186
Peterson, C. E. 8820
Peterson, C. L. 944
Peterson, D. L. 4917, 4947
Peterson, L. A. 8679, 9624
Peterson, R. 9751
Peterson, R. A. 10162
Peterson, R. L. 2497
Petheram, A. 6746
Petiard, V. 9969
Petkov, P. 8995
Pętoś-Witkowska, B. 3494
Petr, J. 3997
Petrenko, N. A. 9828
Petricic, J. 8308
Petříková, K. 6117
Petrishek, I. A. 8189
Petrlík, Z. 4523

Petronella, M. 815
Petrosyan, D. A. 1639
Petrova, E. F. 7565-7566
Petrova, I. P. 1226
Petrović, D. 1584
Petry, T. A. 4852
Petsas, S. 7028
Pettenello, M. 5942
Pettersen, H. 8478
Petticrew, J. 926, 9514, 9605
Petty, G. 2948
Peumans, W. J. 6774, 8234
Peura, R. 2625
Pezzarossa, B. 2247
Pezzuto, J. M. 1295, 1981, 2618, 2710, 3713, 6410, 10008
Pfahler, P. L. 1128
Pfänder, H. J. 5793
Pfannenstiel, V. R. 9890
Pfanz, H. 7475
Pfeiffer, D. 560
Pfenninger, K. 165
Pfuntner, S. 4666
Pham Thi, A. T. 7939
Phan, C. T. 2213, 2400, 6697, 7547
Pharadai, K. 601
Pharadai, T. 601
Pharis, R. P. 1776, 3010
Pharr, D. M. 72-73
Phelps, K. 238, 5970
Phelps, P. 1547
Phelps, R. H. 7042
Phene, C. J. 5332-5333, 8919
Phene, R. C. 5065
Phiet, H. V. 560
Philianos, S. M. 6337
Philip, J. 9119
Philip, M. P. 3699
Philip, V. J. 4488
Philipson, M. N. 2698-2699
Philipson, W. R. 2697, 2699
Phillip, K. C. 7676
Phillips, B. S. 4610
Phillips, D. J. 2702
Phillips, J. G. 6794
Phillipson, J. D. 1289, 5595, 6432, 7254
Phills, B. R. 8955-8956
Philogène, B. J. R. 549
Philomena, P. A. 3394, 6260
Philosoph-Hadas, S. 7764
Phipps, D. A. 7035
Phiri, G. S. N. 10217
Phiri, I. M. G. 1442, 3772
Phoebe, C. H. 3668
Phoebe, C. H., Jr. 1295, 8221
Phogat, K. P. S. 3269
Phukan, M. K. 722
Piątkowski, M. 5839
Picciurro, G. 4861, 5326, 9365
Picha, D. H. 9694-9695
Picha, P. 6326
Pichelin, D. 5283
Picher, M. T. 3675
Pichkina, V. P. 5186
Pickard, B. G. 5346
Picken, A. J. F. 7058
Picman, A. K. 549
Pieber, K. 1558, 5068
Piedrahita, O. 3186
Piegay, I. 10031
Piela, K. 926
Piens, G. 7196
Piera, F. 1977
Pierce, L. E. 5431
Pierce, W. F. 11
Pierik, R. L. M. 2688, 9854
Pierini, M. 8777
Pierre, J. N. 9880
Pierson, E. E. 9705
Piervittori, R. 6348
Piglionica, V. 3244
Pihl, A. 2762
Piir, R. 60
Pilando, L. S. 7653
Pilar Hernández, A. del 9237
Pillai, A. 6224
Pillonel, C. 4269
Pilone, N. 1439
Pil'shchikov, F. N. 4934
Pil'shchikova, N. V. 4934
Pimenov, M. G. 6401
Pimentel, R. B. 3820
Pimienta, E. 1026
Pimpini, F. 1075
Pina, M. 6452
Pinczewski, W. 4863
Pinel, R. 3636
Piner, G. 1403, 1429
Ping, C. 4604
Pinheiro, R. V. P. 687
Pinheiro, R. V. R. 2886, 9252
Pinkava, D. J. 2118, 2646
Pino Alea, J. 6492
Pino, J. A. 7774
Pinta, K. 2576
Pînzaru, G. 8119
Pioch, D. 6452
Pion, S. 3963
Piotrowski, J. 7249-7250
Piozzi, F. 576, 599, 4591
Piper, J. G. 5405
Pires, E. J. P. 3224, 3228
Piróg, J. 2425
Pirró, C. C. 2458
Pîrşe, G. 862
Pirtskhalaishvili, S. Kh. 1398, 6583
Pisani, P. L. 191, 4998, 5149, 5878
Pisarnickiĭ, A. F. 9485
Piskornik, M. 5428
Piskornik, Z. 7986
Pîslă, I. 537
Pistocchi, R. 5408
Pistre, R. 8690
Pisulewska, E. 4277
Pisulewski, P. 4277
Pitacco, A. 2165, 2235, 2319, 9449
Pitako, D. 8572, 8606
Pitelli, R. A. 6567, 8750
Pitner, R. A. 4865
Pitre, S. 4679
Pitsakyan, N. G. 1109
Pitt, R. E. 829
Pitushkan, S. G. 3944
Pitzer, A. F. 5461
Piva, G. 4717
Pivec, V. 9562
Pivot, D. 419
Pivovarov, V. F. 7010
Pivovarova, E. V. 5968
Pizza, C. 2006
Pkhakadze, R. R. 2739
Pkheidze, T. A. 2667
Plaitano, S. 3035
Plamenac, M 4644
Plant, R. E. 7678
Plantiveau, P. 4805
Plas, L. H. W. van der 4358, 7980-7981
Plasse, R. 2400
Platner, G. R. 9219
Platt-Aloia, K. A. 9244
Plaut, Z. 274, 1079
Plenchette, C. 6705
Plesca, T. 7483
Plessis, S. du 3823, 8379
Plessis, S. F. du 1402
Plestenjak, A. 8572, 8606
Plich, H. 6138
Plíšek, B. 3946-3947
Pliszka, K. 7617, 7633
Plotnikova, G. A. 1600
Plouvier, V. 3480
Plowman, T. 575, 9176
Plumbe, A. M. 6060
P'ng, T. C. 3825
P'ng Tat Chin 3825
Pochet, P. 1519
Podešva, J. 9724
Podimuang, V. 10038
Podoler, H. 7538
Poe, S. L. 1121
Poghossian, K. S. 4103
Pogoda, L. P. 987
Pogroszewska, E. 4370
Pohlan, J. 3752
Pohlheim, F. 9808
Pokharkar, D. S. 6963
Pokharkar, R. N. 622, 4257, 6963
Pokorny, F. A. 1735, 5877
Pokorný, J. 2663
Pol, P. A. van de 5500
Polakovič, F. 4129
Polevaya, V. S. 1360
Polidori, E. 5208
Polikarpova, F. Ya. 791, 8514
Poling, E. B. 3209, 6807, 7639, 8662, 8666
Polito, V. S. 5896, 9385, 9388
Politycka, B. 2420, 3423
Poll, J. T. K. 3198-3199, 3202, 4066
Poll, L. 5871
Pollard, M. R. 9947
Pollock, M. R. 4394
Polovyanov, G. G. 6773
Polya, G. M. 7955
Polyákné Fehér, K. 9655
Polyakova, L. T. 8654
Poma Treccani, C. 5003
Pomare, E. W. 9256
Pombo, G. I. 8729
Pomier, M. 9265
Pomilio, A. B. 5576
Pommer, C. V. 3831
Pommer, G. 310, 8869
Pommier, J.-J. 4079
Pompen, T. G. M. 8965
Pompeu, A. S. 4206
Ponce, J. 289
Ponce, J. M. 6542
Ponchet, M. 7177
Ponchia, G. 2165, 2319
Ponder, F., Jr. 129
Ponder, H. G. 4444
Poniedziałek, W. 9424
Ponnusamy, A. S. 4551
Ponnuswami, V. 4506
Ponomarenko, A. E. 5066
Ponomarenko, S. F. 7200
Ponomareva, S. A. 8934
Pontikis, C. 6747
Pontikis, C. A. 867, 3734, 4039
Pontovich, V. E. 1348
Pool, R. M. 1640, 4102, 5114, 5923-5924, 5930, 7660-7661
Poole, R. J. 5184, 6878-6879
Poole, R. T. 2643-2644, 2665, 5462, 8038, 8988, 9866, 9875
Poonnachit, U. 3161
Pooter, H. L. De 4499
Poovaiah, B. W. 813, 3449
Pope, G. S. 8277
Popenoe, J. 7638, 8656, 8660
Popescu, F. 4317
Popescu, M. 4966
Popesko, I. G. 9538
Popok, N. G. 3927
Popov, A. S. 7529
Popov, D. 7842
Popov, D. M. 1939, 8306
Popov, M. A. 8506, 8538-8540
Popov, V. A. 4983
Popov, V. I. 226
Popova, L. N. 6106
Popova, M. E. 1327
Popović, M. 580
Popović, R. 2268
Poppe, J. 6170
Porcelli, S. 2124, 3066, 8475
Poriazov, I. 6058
Porlingis, I. C. 856, 10103
Portecop, J. 8273
Porter, G. 7818
Porter, I. J. 5971
Porter, L. J. 9140
Porter, N. G. 3616
Porter, W. C. 8805, 8830
Portis, A. R., Jr. 5191
Portnoĭ, M. M. 6699
Portugal, Instituto Nacional de Investigação Agrária e de Extensão Rural 7460
Portz, H. L. 6254
Porwal, N. K. 6572
Poschenrieder, C. 7800
Posey, D. A. 8460
Posluszny, U. 9588
Pospíšilová, D. 5119
Pospíšilová, J. 4217, 9709
Possingham, J. 5734
Possingham, J. V. 7377, 7717
Possner, D. R. E. 5160
Post, S. E. C. 6627, 9224
Postaire, J. G. 9330
Postel, W. 2329-2330
Postweiler, K. 1605
Potakhina, L. N. 7749
Potapenko, A. I. 3216
Potashova, A. I. 6786, 8629
Potemkina, G. A. 3212
Potěšilová, H. 1296
Potier, P. 7290, 8280
Potter, C. 169
Potter, C. A. 3103, 5911, 9417
Potter, D. A. 1208
Potty, N. N. 3788, 4787, 8420
Pouget, C. 6160
Poulton, J. E. 1606
Pounders, C. 1213
Poupet, A. 7177
Poupet, R. 1874
Pourriere, O. 3207
Pousset, J. L. 573
Povalyaeva, I. A. 7783
Powell, A. A. 6037, 6957
Powell, C. C. 6202
Powell, C. C., Jr. 7895
Powell, C. L. 3387, 9530
Powell, L. E. 5862, 9451
Powell, M. C. 1800, 6248
Powell, R. H. 3644
Powles, S. B. 3361
Poza, M. T. 8182
Pozdova, L. M. 7209
Pozo Campodónico, O. 6873
Pozo, L. 4745
Pozo-Lora, R. 9779
Pozvai, E. 834-835
Pozza, M. 8712
Prabhakar, B. S. 1072
Prabhakar, N. 7229
Prabhakaran, P. V. 3785, 3787
Prabhaker, N. 4527
Prabhu, B. R. 1353, 3617
Pradet, A. 6069-6070
Pradhan, S. C. 2817
Prager, I. 5068
Prahoveanu, G. 4969
Prakasa Rao, E. V. S. 515, 1909, 1911
Prakash, A. O. 9962
Prakash, D. 1842, 6373, 10024
Prakash, G. 5535
Prakash Kumar, P. 676, 4482
Prakash, M. S. K. 2207
Prakash, O. 5750
Prakash, S. 9165
Pralavorio, M. 3207
Pramanik, T. K. 8187
Pramono, S. 4586
Prance, G. T. 2103, 8449, 8961
Prasad, A. 4749, 5749, 6571
Prasad, B. 3584, 3771, 4598
Prasad, B. A. 2207
Prasad, C. K. P. S. 2810
Prasad, C. R. 712, 4788
Prasad, D. 1071
Prasad, D. N. 1344
Prasad, J. 4788
Prasad, K. H. 691
Prasad, T. K. 1773, 1775
Prasad, U. S. 6500
Prasad, V. G. 690, 7849
Prasad, Y. R. 586
Prashar, M. 3163
Prasolov, A. S. 4851
Pratella, G. C. 6665
Prats Pérez, A. 4150
Prawoto, A. 1465
Pražák, M. 3942
Predescu, G. 6737
Pree, D. J. 5069
Preece, J. E. 3518, 3525, 4613, 5416, 7100, 8625

Preechanukool, K. 6326
Preez, R. du 2082
Preininger, V. 1327
Preiss, A. 560
Preiss, J. 305
Premila, M. S. 2016
Presly, A. H. 5970
Pressman, E. 4179
Prest, G. De 8962
Prestlé, K. H. 8045
Pretzsch, G. 1299
Prevost, I. 1014, 7795
Prévôt, J. C. 9288
Prezotto, O. P. 6603
Priazzoli, C. 3181
Prica, V. 8619
Price, D. J. 7593
Price, G. H. 7372
Price, J. A. 2654
Price, J. F. 3490, 5388
Price, S. F. 3876
Price, T. V. 9684
Pridgeon, A. M. 5476, 8047
Pridham, J. B. 1389, 2377, 5282, 6068
Prieur, P. 1127
Prigge, H. 4910
Příhoda, A. 5498
Priĭmachuk, L. S. 6801
Prileszky, G. 6831
Primack, R. B. 10116
Primak, A. P. 7010
Primukhamedov, I. M. 6306
Prince, R. P. 5203
Prinsley, R. T. 5188
Prior, L. 8329
Prishchep, T. P. 8126
Privalle, C. T. 1686
Privalle, L. S. 1686
Probasco, G. 4519
Probocskai, E. 9402
Proceedings of the Florida State Horticultural Society 2288
Processors and Growers Research Organisation, United Kingdom 746-747, 3023
Procházka, V. 1967
Proctor, J. T. A. 810, 3701, 4080
Proebsting, E. L. 8571, 8573
Proebsting, E. L., Jr. 4913, 4972, 5881
Proft, M. P. De 2689, 8023
Progrès Agricole et Viticole 5929, 7669
Prohászka, K. 7031
Prokipcak, B. 4313
Prokosheva, L. I. 2791
Proksch, A. 1322
Proliac, A. 5728
Proreshneva, R. K. 6979
Prosovskiĭ, M. A. 1312, 6376
Prot, J. C. 6346
Prota, U. 9601
Proto, D. 897
Provedo, J. 197-198
Provorchenko, A. V. 4904
Provost, J. 3685, 5637, 8239
Provvisionato, A. 1266
Prusakova, L. D. 2523
Prusky, D. 2217, 6546
Prussia, S. E. 771, 859, 9766
Pruthi, J. S. 4483
Pryluka, M. 4618
Przeradzki, D. 4442
Przysiecka, M. 4059, 4061
Ps, S. 2942-2943
Pszczolkowski, P. 916, 7668
Pua, E. C. 75
Pucci, C. 2891
Puchades, R. 5690
Puchalski, J. 3536, 5447, 5450
Pudelski, T. 200, 2419-2420, 2425
Puente, J. 890, 1479
Puerta, C. 1501
Pugachev, I. I. 6083
Puggioni, D. 4025
Puigmacia, M. 1689, 4158
Pujianto 6555
Pummangura, S. 6412
Punan, M. S. 5166
Pundir, J. P. S. 3382
Puninskiĭ, Yu. S. 9572
Punnaiah, K. C. 8149
Punthakey, J. F. 109
Pupillo, P. 5257
Pupkova, N. A. 6787
Puri, H. S. 5569
Puri, S. 504
Purohit, A. G. 1440, 7374
Purshotam Rao 1028
Purushotham, K. 4738
Purushothaman, K. K. 607, 9206
Purvis, A. C. 1427, 3760
Puschmann, R. 3172
Pushkin, A. V. 1046
Pusset, J. 8260
Put, H. M. C. 8094
Putieva, Zh. M. 6431, 8293
Putievsky, E. 1267, 9937, 9951, 9953-9954
Putkaradze, Sh. A. 1409
Putnam, A. R. 3892
Puttanna, K. 499
Puttaswamy, K. P. 5745
Py, C. 2945
Pyatitskaya, L. I. 7960
Pye, D. L. 4276
Pyke, K. 8877
Pyle, W. L. 5768
Pyshina, Z. S. 7537, 7557
Pytlewski, C. 3555
Pyzhov, V. Kh. 782, 1564
Pyzik, T. P. 3417
Qadri, S. M. H. 5178
Qadri, S. S. H. 543
Qamar, F. 3404
Qi, B. F. 7285
Qian, D. L. 1229
Qian, F. G. 8194
Qian, J. F. 9026
Qian, L. H. 7865
Qian, N. F. 1838
Qin, K. J. 8110
Qin, W. 4569
Qin, Z. D. 5449
Qiu, C. Y. 4242
Qiu, Y. X. 8349
Qu, X. K. 8117
Qu, Y. 7131
Quack, W. 1372
Quader, H. 7125
Quagliotti, L. 1050
Quamme, H. A. 1764
Quan, Z. 6649, 7488
Quarta, R. 4025
Quatchak, D. J. 8986
Queiroz, O. 4414, 9880
Quencez, P. 2935
Quéraud, T. 1084
Quero, E. 5552
Qui, C. Y. 3370
Quick, J. 5959
Quijano, L. 591, 1339, 4573
Quilantán Carreón, J. 7446
Quiles, J. M. 4158
Quinderé, M. A. W. 7435
Quinlan, J. D. 4925
Quinn, J. 8491
Quinn, P. 42
Quinn, P. J. 8879
Quiroz, M. I. 916
Raafat, A. 7040
Rabe, E. 9228
Rabelo, J. 6487
Rabha, L. C. 8153
Rabi, J. A. 3723
Rábik, M. 9181
Rabino, I. 8809
Rabinowitch, H. D. 7777
Rachidian, Z. 8884
Rachmiel, S. 3149, 5021
Rachovski, G. 267
Rácz, G. 7261
Radaczyńska, Z. 2281
Radaelli, E. 3123
Rademaker, W. 7107
Radhakrishnan, R. 2867
Radhakrishnan, S. 4740
Radicati, L. 7658
Radics, L. 2607, 4540
Radojević, L. 3934
Radojević, Lj. 5123
Radunz, A. 1380
Rae, A. L. 7955
Raekelboom, E. L. 7150
Raes, D. 5037
Raese, J. T. 3169-3170, 9435
Rafique-Uddin, M. 2472
Raghavan, G. S. V. 2210, 2400
Raghavni, B. R. 4473
Raghothama, K. G. 3449
Raghvani, B. R. 2725
Ragimov, M. A. 1261
Ragonnet, B. 5953
Ragusa, S. 1332-1333, 8220, 8224
Rahgava Reddy, A. V. 7264
Rahim, O. 5581
Rahimizadeh, M. 9995
Rahman, A. 2496, 3392, 5079, 5171, 5238
Rahman, M. A. 1506
Rahman, W. 1356
Rahman, W. A. 4705
Rahmani, M. 5542
Rahović, D. 8510
Rai, M. 712
Rai, R. M. 3355
Raiford, T. J. 2653
Raijadhav, S. B. 9619
Raikhelkar, S. V. 10195
Raikova, L. 7809
Raina, R. M. 8140
Raison, J. K. 5529
Rajagopal, R. 8935
Rajagopalan, A. 7287
Rajagopalan, V. 7270
Rajamannar, M. 4732
Rajamony, L. 3788
Rajaraman, K. 1916
Rajarathnam, S. 7082
Rajasekaran, B. 540, 542, 545
Rajasekaran, L. R. 3637
Rajasekhar, T. 3808
Rajasekhar, V. K. 9124
Rajeevan, M. S. 4703, 4713, 9280
Rajendra Singh 2357
Rajendran, B. 550
Rajeswara Rao, B. R. 1909, 1911
Rajki, B. 9728
Rajkomar, I. 2334, 7230
Rajput, C. B. S. 5, 638, 4653, 9686
Raju, B. C. 6840
Raju, C. R. 676
Raju, K. I. 680, 2913, 2925, 3806
Raju, K. S. 4295
Rakhimbekova, A. K. 4
Rakhmankulov, U. 6399
Rakiappan, P. 4706
Raleigh, G. L. 960
Ram, H. Y. M. 3522, 4385
Ram, M. 514, 4673, 5541
Ram, S. 7409
Ramachandraiah, O. S. 508, 517
Ramadasan, A. 3797
Ramaiah, K. V. A. 5290
Ramaiah, P. K. 4735, 4740, 5745, 10144
Ramalho, J. F. G. P. 2969, 2971, 2973, 2979
Ramalho, J. F. P. G. 2972
Raman, P. V. 7270
Ramanathan, P. K. 3808
Ramanathan, T. 4730-4731
Ramapandu, S. 4732
Ramarao, P. 311
Ramasarma, T. 1260
Ramaswamy, T. 1925
Ramayya, D. A. 508, 517
Ramazanov, T. A. 9575
Ramazanov, T. M. 2309
Ramcharan, C. 7170
Rämert, B. 7781
Ramesh, C. 9701
Ramesh, S. 1909
Ramezanian, M. 8166
Ramić, S. 538
Ramina, A. 2293, 5025
Ramírez Choza, J. L. 6997, 7247
Ramírez Legarreta, M. R. 4931
Ramirez, N. 8102
Ramishvili, G. G. 6468, 10067
Ramón, A. M. 7037
Ramos, C. 2847
Ramos, D. E. 4050
Ramos, L. S. 5550
Ramos, T. 9034
Ramraj, S. K. 2786
Ramsay, A. M. 4063
Ramsdell, D. C. 9564
Rana, K. S. 4930
Rana, M. A. 321
Rana, R. S. 80, 5249
Ranawade, D. B. 7444
Ranbir Singh 57, 3931
Randall, P. J. 3372
Randhawa, G. S. 521, 523, 1913
Randhawa, J. S. 728
Randhawa, K. S. 260, 5182
Randle, P. E. 407, 1754, 2561, 2563, 3008, 6167, 9776-9777
Ranieri, A. 6227
Ranieri, M. De 2578, 3479
Ranjith, P. J. 4750
Rankine, B. C. 3215
Rankov, V. 2525, 7809
Ranković, M. 2149
Rantcheva, T. 9774
Ranvir Singh 617, 3749, 4765
Rao, B. H. K. 4711
Rao, B. K. 1257
Rao, B. R. R. 1909, 1911
Rao, C. P. 1506
Rao, D. Mallikarjuna 4297
Rao, D. N. 6968
Rao, D. R. 541
Rao, D. V. 1935, 5616, 7275
Rao, D. V. R. 3782, 4478
Rao, E. V. 1935, 3657, 4619, 5616
Rao, E. V. S. P. 499, 1909, 1911, 6334, 8143
Rao, G. G. 351
Rao, G. S. 4295, 8236
Rao, G. V. 1956
Rao, I. V. R. 3522, 4385
Rao, J. M. 2100
Rao, J. U. M. 1257
Rao, J. V. 1072
Rao, K. C. 3345, 4246
Rao, K. C. 2957
Rao, K. L. 2786
Rao, K. S. 6162
Rao, K. V. 10049
Rao, K. V. J. 1257, 1925
Rao, K. V. R. 9198
Rao, L. J. M. 9198
Rao, L. V. M. 5189
Rao, M. A. 5161
Rao, M. M. 3669
Rao, M. R. 5599
Rao, M. S. S. 4719
Rao, N. K. S. 7867
Rao, N. S. P. 9198
Rao, O. P. 3812
Rao, P. 1028
Rao, P. N. G. 1505
Rao, P. S. 1956, 2130, 3642, 3817
Rao, R. S. G. 6334
Rao, S. A. 3660
Rao, S. D. T. 508, 517
Rao, S. J. 4335
Rao, S. N. 4691
Rao, T. R. 8400
Rao, T. V. P. R. S. 2786
Rao, V. N. M. 2071, 4687, 4767, 7792, 10121
Rao, V. R. S. 346

Rao, W. K. 4740, 10144
Raoof, M. A. 5750
Raper, C. D., Jr. 2527
Rapetti, S. 5440
Rapparini, G. 7500
Raptis, A. 10102
Raschke, K. 2468, 7811, 9633
Rasehorn, W. 929
Rashid, A. 9298
Rasins, E. 7089
Raskin, M. S. 1400
Rasmussen, F. N. 5478, 9061
Rasmussen, H. 9058
Rasmussen, K. 7765
Rasnick, B. A. 5651
Raspopova, G. I. 8633
Rasulov, F. A. 2758, 6401
Rasulova, M. R. 9126, 9205
Ratageri, M. C. 3806
Ratan Singh 281
Ratering, P. 5194-5195
Rath, S. 638
Rathaiah, Y. 4292
Rathi, K. S. 707
Rathore, A. 10025
Rathore, D. S. 132
Rathore, S. V. S. 3514
Rathore, V. S. 617
Ratier, R. 3980
Ratnam, C. V. 3345, 4246
Rattan, G. S. 108
Rattan, P. S. 10219-10220
Rattigan, K. 9387, 10153
Rattink, H. 6201
Rauch, F. 2155
Rauch, F. D. 1243
Rauf, A. 9211
Rault, P. 2337
Raupp, M. J. 3570
Rausch, T. 981
Rauser, W. E. 8942
Raut, M. S. 313
Rauwald, H.-W. 1009
Ravad, D. 1739
Ravanel, P. 6320
Raveendranathan, P. 4764
Ravelo, A. G. 1985
Raven, J. A. 4867
Ravestijn, W. van 9731, 9763
Ravi, K. 691
Ravichandra, N. G. 659-660
Ravid, U. 1267, 9953-9954
Ravinder Gill 3642
Ravindran, G. 7824
Ravindran, V. K. 3654
Ravishankar, H. 7320
Raviv, M. 759, 4622, 5503
Rawash, M. A. 4031
Rawat, A. K. S. 2034, 2826-2827, 5563
Rawat, G. S. 595, 4598
Rawat, P. S. 4205
Rawat, T. S. 3382
Ray, A. B. 603, 1970, 1992
Ray, A. K. 4681
Ray, D. T. 1387, 4244, 8314-8315
Ray, P. K. 6501
Ray, P. M. 4262
Ray, S. 558
Raychaudhuri, S. P. 8874
Raychaudhury, A. 268
Raymond, P. 6069-6070
Raymundo, L. C. 3383
Raynaud, J. 5728, 9983, 10031
Razdan, S. 443
Razeto, B. 6708
Razeto M., B. 5015
Razuvaev, N. I. 154
Re, A. del 4948
Rea, P. A. 6878-6879
Read, P. E. 1627, 4974, 5496, 6300, 8642-8643
Read, R. W. 5473
Reátegui, U. 5573
Rebandel, Z. 4059, 4061
Rebeiz, C. A. 209, 273
Rebelo, A. G. 4443
Rechnio, H. 2281
Recio de Hernández, E. 6871
Recio, M. C. 5632, 7299
Recupero, S. 3153, 4999, 5088
Redalen, G. 8621
Reddi, G. S. 7243
Reddy, A. S. 346
Reddy, A. V. R. 7264
Reddy, B. C. 630
Reddy, D. D. R. 388
Reddy, D. N. R. 7229
Reddy, D. S. K. 7264
Reddy, G. N. 4757
Reddy, G. S. 630, 3870, 4335, 7319
Reddy, M. G. R. K. 4290
Reddy, M. N. M. 1448
Reddy, M. R. 1665
Reddy, M. R. S. 630, 7319
Reddy, P. J. 4663
Reddy, P. N. 508, 517
Reddy, P. P. 320
Reddy, P. S. 4290
Reddy, P. V. 4663
Reddy, Y. K. 4335
Reddy, Y. T. N. 658
Redfern, R. E. 546
Redgwell, R. J. 3983
Redl, H. 2183, 5137, 8697
Redondo Juárez, E. 6873
Reed, B. M. 1996
Reed, R. A. 7642
Reed, R. L. 1996
Reede, R. H. de 3956, 5856
Rees, S. B. 235
Reeve, J. D. 632
Reffstrup, T. 1199
Regazzi, D. 3181
Regev, Y. 8917, 9937, 9951
Reghunandanan, V. R. 3652
Reháková, V. 9562
Rehkugler, G. E. 4952
Reich, J. E. 4060, 4076, 8655
Reich, M. 3132
Reichard, D. L 9381
Reichenbach, C. 4484
Reichenbacher, F. W. 2747
Reichling, J. 8123
Reid, D. M. 3010
Reid, J. B. 4263
Reid, J. S. G. 1256
Reid, M. 4328
Reid, M. S. 1526, 3475-3476, 3492, 3588, 4946, 7103, 7905, 7916, 7920, 8085
Reid, P. D. 6056
Reid, W. H. 2749
Reijnders, M. A. C. 9803
Reilly, C. C. 9495-9496
Reimherr, P. 1144, 4379
Reina, A. 1382, 3083
Reina, M. 8290
Reinbothe, C. 10000
Reinecke, J. 4184
Reiners, S. 964
Reinert, R. A. 3334
Reinhard, E. 1961, 3707, 9311
Reinhardt, D. H. R. C. 4771
Reinhold, L. 274
Reinhoudt, J. E. 7510
Reinhoudt, K. 9503
Reinken, G. 3033
Reinosa, O. 10039
Reis, A. J. 2923
Reis, E. L. 4774
Reisch, B. I. 5923-5924, 7660-7661, 8696
Reisch, G. 7307
Reisch, J. 1895, 2008, 2808, 2812, 7307, 9154, 9181
Reiss-Bubenheim, D. 6198
Reissig, W. H. 2184, 3109
Reist, A. 2700, 8980
Rejman, A. 3929
Rekhviashvili, I. V. 1115
Rekoslavskaya, N. I. 1085
Rellich, C. 9443
Remaily, G. W. 5923, 7660
Remedios, T. 8798
Remiš, D. 2663
Remish, D. 9883
Remison, S. U. 4756, 4758-4759, 5719
Remoue, M. 2307
Remund, U. 5857
Rendell, J. 35
Renquist, A. R. 5844, 8657
Rensburg, N. van 2082
Rensburg, P. van 8341
Rensen, J. J. S. van 330, 333
Renz, H. 1656, 7688
Repčáková, K. 10014
Reppenhorst, M. 9642
Rescándido Alfonso, J. 7348
Resende, P. A. P. 2457
Resnizky, D. 838
Resplandy, G. 7271
Resurreccion, A. V. A. 8947
Retamales, J. B. 4000
Réti, I. 1059-1060
Reuther, G. 7092
Reuveni, O. 4622, 7365
Revilla, E. 4132
Revin, A. A. 8560
Revina, T. A. 5565
Revis, B. 2838
Rewinkel-Jansen, M. J. H. 7097, 7958
Rewinkel, M. J. H. 9863
Rey, J. 10118
Rey, R. 4640
Reyes, A. A. 3412, 6114
Reyes F., M. S. 7583
Reyes, P. S. 6590
Reynaud, J. 10031
Reynolds, G. W. 611, 7957
Reynolds, J. 2856-2857
Reynolds, R. 1455
Reynolds, R. E. 8374
Reynolds, T. 8032-8034, 9872
Řezníček, V. 5838
Řezníčková, V. 3324
Reznik, H. 223
Rhoades, H. L. 1053
Rhodes, M. J. C. 3446-3447, 9163, 9990-9991
Rhodes, P. J. 7592
Ribeiro, A. C. 6044, 6046
Ribeiro, I. J. A. 3224, 3228
Ribôt, S. A. 4391
Ricciardelli D'Albore, G. C. 1258
Rice, R. P., Jr. 6805
Richard, C. A. 704
Richards, D. 3597, 7091, 7380, 8029
Richards, H. 1203
Richards, J. 6216
Richards, M. 5480
Richardson, D. 9508
Richardson, D. G. 117, 1088, 2256, 3175, 5054, 9512
Richardson, G. M. 5815, 7487
Richardson, M. 5457
Richter, A. A. 9389
Richter, P. 1162
Richter, R. 5977
Riddle, L. L. 6241
Rideau, M. 2776, 5591, 7271
Ridge, D. R. 5773
Ridge, P. E. 4276
Ridgway, D. 6313
Rieder, W. 5133
Riederer, M. 8493
Riedl, H. 2185
Riegel, D. G. 5954
Rienkijkan, M. 6326
Rienzo, A. di 157
Riesen, W. 5892
Riess, P. 756
Riestra, I. P. 5506
Righetti, T. L. 5852
Righi, G. 4543, 8181, 9186
Rigitano, O. 3141, 3143-3144, 3182, 4046, 4680, 8508
Rigotto, E. L. 4649
Rijbroek, P. van 9645-9646, 9657
Rijssel, E. van 2341, 6851
Rikhter, A. A. 780, 782, 9389
Riley, T. 9514
Riley, T. E. W. 3969
Rilsky, I. 3400
Rimpler, H. 8301
Rinaldelli, E. 3184, 5149
Rinaldi, M. 1266
Rincón, F. 9779
Rincones, C. 5765
Ring, D. R. 3179
Rinnan, T. 3511
Rio, C. Martinez del 6225
Rio, I. 3075
Río, M. A. del 9911
Río, V. A. del 1270
Ríos, J. L. 3643, 5632, 7299
Ríos, T. 591, 1339, 4573
Riov, J. 7316
Ripa, A. K. 8640
Ripley, K. P. 4613
Rippetoe, L. W. 2044
Riquelme, F. 2158
Ririe, D. 4172
Rishi, A. K. 1130, 8226
Risley, J. M. 2157
Risse, L. A. 1744, 6094, 8899
Ristevski, B. 2223, 8580
Ritchie, D. F. 105, 8594-8595
Ritz, D. 4415
Rivalta, L. 5031, 5036
Rivard, I. 3110
Rivas G., D. 6865, 7396
Rivas R., N. 1481
Riven, Y. 3208
Rivera Alvarado, C. 2069
Rivera, E. 6916, 7023, 7392
Rivera, F. N. 3820
Rivera, L. E. 5312, 6871
Rivera, T. 4630
Rivière, L.-M. 1771
Rix, M. 9818
Rizhkova, L. V. 10083
Rizinski, S. 9492
Rizk, A. M. 5575, 8158, 8301
Rizk, G. A. 1905-1906
Rizvi, S. S. H. 7551
Robards, A. W. 9094
Robarge, W. P. 2527
Robbertse, P. J. 8434, 9855
Robbins, J. 2486, 9549
Robbins, J. A. 7664
Robbio, O. 4762
Röber, R. 5429, 6199, 8030, 9033
Roberston, G. L. 874
Robert, M. L. 2748
Roberti, R. 8857
Roberts, A. N. 6241, 6294
Roberts, E. J. 7440
Roberts, H. A. 4139-4141
Roberts, J. A. 9, 2604-2605
Roberts, J. M. 4410
Roberts, J. N. 6304
Roberts, K. 6605
Roberts, L. W. 4798
Roberts, M. F. 5595
Roberts, M. H. 8696
Roberts, P. A. 5964
Roberts, W. 3047
Robertson, C. A. 3793, 8383
Robichet, J. 911
Robien, W. 8172, 10034
Robin, J. P. 6433
Robins, R. J. 9163, 9990-9991
Robinson, D. W. 473
Robinson, H. 1166, 8247-8248, 9141, 10010
Robinson, H. H. 328
Robinson, J. 8380
Robinson, J. B. 6657
Robinson, J. C. 1453, 2070, 5737, 7391, 8374, 10131
Robinson, J. M. 1681-1682, 5190
Robinson, L. W. 7763
Robinson, N. 305
Robinson, S. P. 3300, 8771
Robinson, W. B. 5924, 7661
Roblin, G. 5281
Rocca, G. 5864
Rocha Neto, O. G. da 5761
Rocha, T. R. 2923
Roche, M. V. 6275
Rocher, M. 6673, 7224
Rochester, C. P. 9631
Rock, G. C. 5854

Rod, J. 6913, 7695
Rodecap, K. D. 5823
Rodés, R. 10200
Rodrigo, M. I. 5713
Rodrigues, A. E. C. 5757
Rodrigues, B. N. 2455
Rodríguez, A. 3138, 9484
Rodríguez A., J. 4924, 5095
Rodríguez, B. 3608, 4529, 4591, 9002
Rodríguez, C. R. 10204
Rodríguez, C. W. 10210
Rodriguez, E. 611, 7957
Rodríguez, F. Guerrero 9586
Rodríguez, G. 7969
Rodríguez, H. 6540
Rodríguez, J. 6916, 7023, 7392
Rodríguez-Kábana, R. 998
Rodríguez, L. 709
Rodríguez Luis, F. 10028
Rodríguez, M. T. 6052
Rodríguez, N. 4627-4628, 4634-4635, 4744
Rodríguez Nodals, A. 2069, 2069
Rodriguez, O. 7330
Rodríguez, O. L. 698
Rodríguez, R. 818, 6469, 7564
Rodriguez, R. 3687
Rodríguez-Santiago, C. 682
Rodríquez, O. A. 5765
Roe, S. P. 7264
Roekel, G. C. van 7940
Roelands, C. 7831
Roelofs, W. L. 2184
Rofi, R. D. 5576
Rogers, D. J. 3780
Rogers, J. S. 8331
Rogers, M. N. 7932
Roggemans, J. 4413
Roggero, J. P. 5953
Roggli, R. 6911
Roh, M. S. 1158
Roh, S. M. 6245
Rohlfing, H. R. 8724
Rohrbach, K. G. 4770
Rohrbach, R. P. 141, 7618, 8650
Rohrmann, P. 5512
Roig, L. A. 3340, 6275
Roistacher, C. N. 7321
Roja, L. Almaguer 7387
Rojas Z., S. 5015
Rokeya Begum 2629
Rolando, C. 6348
Rolim, J. C. 2974, 2978
Rolim, P. R. R. 9014
Rollman, I. J. 1938, 5584
Rom, C. R. 8536, 9448
Rom, R. C. 105
Roman, A. 1269
Roman, G. V. 2724
Romanazzo, M. 9365
Romanenko, A. S. 2407, 7759
Romani, R. 3172, 8605
Romani, R. J. 5045
Romania, Institutul Agronomic "Dr Petru Groza" 10
Romania, Institutul de Cercetări pentru Viticultură și Vinificație Valea Călugărească 4098
Romano, D. 7141
Romanova, A. K. 6030
Romanova, A. T. 8603
Romdhani, M. S. 7779
Romeo, G. 5705
Romero, E. 2056
Romero, J. 7394
Romero, L. 6770, 9524, 9927
Romeu, A. P. 2078
Romeyer, F. M. 5117
Romheld, V. 181
Romisondo, P. 7658
Romo de Vivar, A. 4570
Romo, R. 5006
Romojaro, F. 2158, 6993, 7024, 7323
Rona, J. P. 6781
Ronald, W. G. 4392
Ronen, B. 8946
Ronzelli Júnior, P. 9696
Roodzant, M. H. 9622
Rooijen, W. J. van 3086
Roorda 205-207
Roorda van Eijsinga, J. 7987
Roorda van Eysinga, J. P. N. L. 212, 244, 7069
Roost, V. 8051
Rooster, K. De 2080
Rosa, F. F. de la 1671
Rosa, L. C. 2457
Rosa, M. A. de la 1671
Rosado May, F. J. 4212
Rosario, E. E. del 3820
Rosario, E. L. 8429
Rosario M., V. 591
Rosario, R. R. del 4728
Rosario, V. 1339
Rosas, J. C. 3356
Rosati, P. 2230, 3932, 4064, 5085-5087, 5089
Rosca, C. 4969
Roşca, O. 7615
Rose, P. Q. 9075
Rosen, C. J. 2263
Rosen, D. 8333
Rosen, M. 3317, 5361
Rosen, R. T. 7236
Rosenberger, I. 2876, 4664
Rosenfeld, H. J. 8768
Rosenfield, C. L. 2055
Rosenquist, E. A. 2937
Rosetti, V. 5583
Rosha, N. S. 3260
Roshakhovskaya, L. N. 3428
Roshchina, V. V. 1042
Rosmanitz, M. 8697
Rosnadze, G. R. 5674, 10066
Rosnev, B. 8995
Rosquete, M. 4657
Ross, J. J. 2599, 4368, 7130
Rossbauer, G. 4521, 5554
Rossi, A. 3035
Rossi Jaume, A. 7716
Rossi, N. 7206
Rossi Pisa, P. 2174
Rossi, S. A. W. 7206
Rossignol, L. 656, 2072
Rossinskiĭ, V. I. 8408
Rost, T. L. 2486
Roşu, F. 7559, 7581
Rotar', L. M. 3107
Rotar', V. V. 5046
Rotaru, G. I. 822
Roth-Bejerano, N. 4201-4202
Roth-Georger, A. 1357
Roth, R. L. 5680
Rother, A. 584
Rother, S. 3077
Rothera, M. A. 1953
Rothermel, B. 276
Rothschild, G. H. L. 846
Rothwell, S. D. 7763
Rotino, G. 5096, 7114
Rotundo, A. 1439, 10055
Rotundo, R. 10055
Roubelakis-Angelakis, K. A. 5158
Rouchaud, J. 9474
Roudeillac, P. 891, 4074, 5084, 5090, 5916, 6802
Roueche, J. 8663
Roughan, G. 3913
Rouillard, G. 17, 4831
Roupakias, D. G. 6065
Rouquie, P. 5107
Rouse, J. C. 1864
Rouse, J. L. 2692-2693, 5499
Rouse, R. E. 4009, 4631
Rousos, P. A. 9664
Rousselle, G. L. 2211, 4906
Roux, J. 1677
Roversi, A. 1604, 3136, 6744
Rovesti, L. 5042
Rowe, K. E. 3137, 4002
Rowe, R. C. 8814
Röwer, I. 2793
Roy, A. J. 485
Roy, A. K. 373, 2574
Roy, B. N. 5661
Roy, M. 5566
Roy, N. K. 5251
Roy, S. 762
Roy, S. C. 4274
Roy, S. K. 4500
Roychoudhuri, N. 5438
Royse, D. J. 1107
Rozanski, A. 2456
Rożek, S. 8790
Rozkrutowa, B. 9200
Rozmyslova, A. G. 4884, 6763
Rózsa, Z. 7307, 9181
Rózse, I. 2353
Rozsnyay, Z. 3978
Ru Jie Yao 6919
Ruangrungsi, N. 562, 6393, 10020
Rubbo, M. S. 9014
Rubery, P. H. 5258
Rubin, A. 3474
Rubin, A. B. 226
Rubio, G. 10036
Rubio, J. L. 5690
Ruck, A. 858
Rücker, K. 1793
Rudd, B. 478
Rudich, Y. 2535
Rudnicki, R. M. 3484, 3591-3592, 5380, 7901, 7906, 8979
Rudolph, E. D. 9071
Rueda, A. 6998
Rüedi, P. 9821
Rueffer, M. 1940, 8191
Ruel, D. 2621
Ruelas García, S. 5064
Ruest, L. 2756
Rufner, R. 2631
Rüger, H. 794
Ruggeri, A. 5339, 6625
Ruggiero, C. 652, 2849
Rugiero, C. 6508
Rugini, E. 10104
Rühl, E. 2332
Rühling, W. 9573
Ruina, A. 829
Ruiter, H. de 2489
Ruiz, A. Q. 3507
Ruiz Fernández, J. 7983
Ruiz, M. 828, 1087
Ruiz, R. 9644
Ruiz Rejón, C. 3530
Ruiz Rejón, M. 3530
Ruiz Sánchez, M. C. 1563
Ruizzo, M. A. 472, 995
Ruknidinov, K. 5683
Rule, D. E. 8088
Rullo, J. 7089
Rumayor Rodriguez, A. F. 9462
Rumbos, I. C. 4045
Rumich-Bayer, S. 6166
Rumine, P. 2580
Rumińska, A. 4509-4510
Rumowska, M. 9986
Rumsey, T. R. 966, 9529
Rünger, W. 5391, 9884
Runkova, L. V. 3501
Rusadze, L. V. 6494
Rusalenka, V. G. 9797
Ruschel, A. P. 1019, 3840
Rush, M. 7292
Rush, M. D. 594
Rushdi, Y. 8828
Rushford, K. 4432
Rushforth, K. 6307
Russel, S. D. 495
Russell, C. E. 4734
Russell, S. D. 8112
Russo, F. 1396, 10059
Russo, G. 3741
Russo, J. M. 7199
Russo, M. V. 3645
Russu, F. I. 4920
Rustin, P. 1829, 9881-9882
Rusu, F. 7499
Ruter, J. M. 8060
Ruth, J. 479
Rüther, M. 3059
Rutherford, W. M. 1021
Rutin, J. 1703
Ruttkay, P. 777
Ružić, D. 4043, 4057, 9541
Ryabchun, N. O. 5135
Ryabchun, R. T. 5135
Ryabov, V. A. 4979
Ryakhovskaya, T. V. 6362, 6365
Ryan, C. A. 5348
Ryan, C. C. 8427
Ryan, J. 10063
Rybal'chenko, N. I. 3993
Rybalko, K. S. 1312, 8130
Rybalov, L. N. 3190, 4075
Rybalova, B. A. 1348
Rybintsev, A. I. 3194
Rybnikář, A. 3380
Rycroft, D. S. 607
Ryff, I. I. 162
Rylov, G. P. 62
Rylski, I. 4294, 6089, 7836-7837
Rymal, K. S. 2411, 3338
Rymon, D. 2576, 5523
Ryser, J. P. 3318
Ryu, S. H. 1362, 1995
Ryugo, K. 3774, 4050, 5945, 5947, 9374, 9599
Rzaeva, L. M. 921
Rzhanova, E. I. 4399, 5445
Saatov, Z. 8151
Sabadişu, A. 4317
Sabahi, M. 8166
Sabata, B. K. 1328, 8304
Sabater, F. 6095, 7841
Sabelis, M. W. 5795
Sabino, J. C. 4046
Sabour, M. T. 3766
Sacalis, J. N. 3482, 7914
Sacchetti, D. 8779
Sacco, M. 806
Sacco, T. 510, 9949
Sacerdote, S. 7658
Sachdev, K. 9175
Sachdeva, S. 5837
Sachs, R. M. 420
Sachs, T. 6191
Sacramento, C. K. do 2028
Sadamori, S. 3089-3090
Saddiq, M. H. 5310
Sadhu, M. K. 5169, 5172
Sadique, J. 7274, 8311
Sadowska, A. 4891, 9986
Sadowski, A. 4924
Sady, W. 8790
Sadykov, Y. D. 10029
Sadykov, Yu. D. 10018
Saeed, M. 3404
Saenz, M. 9235
Saenz, M. T. 3725
Saeuz Rodriguez, M. T. 5646
Saez, E. 997
Safeeulla, K. M. 9270
Saffell, R. A. 6646, 9357
Saftner, R. A. 1742
Saga, M. 10013
Sagalés, M. 7966
Sagar, P. 500
Sagara, K. 8211, 8242
Sagareishvili, T. G. 6395
Sagitov, A. O. 2356
Sagrati, F. 2230
Sah, N. L. 6500
Saha, F. H. A. K. 4500
Saha, G. R. 2629
Saha, P. K. 10012
Sahai, A. 1902-1903, 1975
Sahai, M. 603, 1970, 1992
Sahani, J. N. 4697
Saharan, G. S. 3371, 5217
Sahu, S. K. 4278
Said, I. M. 3610
Saĭdaliev, U. S. 2153
Saidane, A. 365
Saidkhodzhaev, A. I. 6399-6400
Saifur Rehman 1395
Saiki, Y. 2655, 2657, 2664
Saimbhi, M. S. 3290
Saini, H. S. 9647
Saini, K. S. 443
Saini, S. K. 6569, 6575, 10196

Saini, S. S. 521, 523, 1913, 4374
Saint-Ges V. 6070
St. John, B. J. 8755
Saitbaeva, I. M. 8183-8184
Saito, M. 8303, 8305
Saito, N. 6347
Saito, T. 8944
Saito, Y. 8245
Saitoh, H. 2181, 9432
Saitoh, M. 2768
Sakaguchi, E. 1518
Sakaguchi, S. 9943
Sakai, A. 6301
Sakai, H. 6843
Sakai, S. 1983, 5488
Sakai, W. S. 650
Sakai, Y. 5437
Sakaki, T. 3368, 4550, 6063, 7686
Sakakibara, H. 4203
Sakamoto, I. 9172, 9202
Sakamura, F. 7234
Sakamura, S. 1146, 9178
Sakanishi, Y. 2669
Sakar, M. K. 1334, 4507
Sakata, Y. 2681, 4441, 7143, 9839
Sako, J. 5841
Sakovich, N. J. 6627, 9224
Saksena, N. 3629
Sakulas, H. 9963
Sakuma, T. 59
Sakurai, N. 7265
Sakuratani, T. 3845
Salama, M. A. 4014, 4032-4033, 4659, 4678
Salazar García, S. 2832
Salazar, S. 5659
Salcedo-Z., A. 5354
Sale, P. J. M. 27, 1537, 4860
Sale, P. R. 7586, 8364
Saleh, H. M. 553
Saleh, M. M. 2899, 4495
Salehi Sormaghi, M. H. 8160
Salem, H. 53, 5537
Salenkov, S. N. 8708
Salerno, M. 7345
Salesses, G. 9482
Salgado, A. L. de B. 2750
Salgado, J. S. 4773
Salih, A. K. M. 3659, 4535
Salih, F. M. 554, 5593
Salih, M. 1286
Salinas González, J. 6876, 7067
Salinas González, J. G. 7026
Salinas, J. 997
Salleo, S. 188
Salles, J. C. 4957
Salmon, T. P. 7577
Salnikow, J. 5982
Salomon, R. 7976
Salontai, A. 532-535, 537, 1269, 10006
Salter, P. J. 3257, 6863
Saltveit, M. E., Jr. 4286
Saluja, A. K. 8279
Salukvadze, M. M. 1515
Salun, N. I. 901
Salunkhe, D. K. 557, 1927
Salvatierra, A. M. 916
Salvi, L. 1677
Salvi, M. J. 4752
Salyaev, R. K. 2407, 7759
Samaddar, H. N. 5661
Samaiya, G. 1903
Samani, Z. 1387, 8315
Samaranayake, C. 4775, 4778
Samaras, Y. 7497
Samarguliani, G. E. 6584
Samarin, N. A. 5288
Samarina, L. N. 5288
Samartin, A. 3574
Sambandamurthi, S. 4506
Sambeek, J. W. van 8625
Samelson, D. 8550, 9469
Samie, C. 5808
Samiyappan, R. 2030
Sammler, P. 8870, 9718
Samorodova-Bianki, G. B. 6767
Sampaio, A. S. 616, 686
Sampaio, V. R. 5874, 5889, 6545, 6589
Sampson, M. A. 7438
Sams, C. E. 122
Samson, C. 8690
Samson, J. A. 6462
Samuelson, T. J. 6709
Samus', V. A. 4897
Samways, M. J. 4650-4651
Samylina, I. A. 1939
Samyn, G. 435
San-José, M. C. 102
San Juan Elizondo, R. 5743
San Pedro, M. de 9799, 9805
Sanad, S. H. 7358
Sanada, S. 1346, 6273, 8264
Sanada, T. 3089-3090
Sánchez, B. 9644
Sanchez, C. 8159
Sánchez Capuchino, J. A. 82
Sánchez, E. 7036
Sánchez, E. E. 804, 1070
Sanchez, M. G. C. 2558
Sánchez-Parareda, J. 1297, 6318
Sánchez-Pedreño, C. 30
Sánchez, R. 1484
Sánchez, R. A. 9078
Sánchez-Tamés, R. 3138, 7564, 9484
Sánchez Yelamo, M. D. 1139
Sancin, P. 5583
Sandberg, F. 1371
Sandberg, G. 5297
Sande, J. van de 7075, 7750, 7772, 9658
Sandelius, A. S. 9635
Sanden, P. A. C. M. van de 5252
Sanders, D. C. 7015, 7052
Sanders, D. P. 478
Sanders, P. 2496, 3392
Sanderson, K. C. 462, 1113, 4362, 5379
Sandhu, A. S. 6564
Sandhu, B. S. 9292
Sandhu, K. S. 984, 8816
Sandhu, S. S. 4022
Sandidge, C. R., III 6826
Sandman, E. R. I. C. 711
Sands, D. P. A. 7349
Sandsted, R. F. 4209
Sandu, Z. 3208
Sandved, G. 9032
Sandvig, K. 2762
Sanford, J. C. 4060, 4076, 8655
Sanftleben, H. 1879, 3894
Sang, S. L. 721
Sangale, P. B. 345, 719
Sangappa, H. K. 2753
Sanger, T. R. 6645
Sangwan, N. K. 511, 4503
Sangwan, R. S. 1959
Sani, P. 902
Saniewski, M. 3532-3533, 3535-3536, 5446-5447, 5450
Sanikidze, A. B. 1398
Sanikidze, I. S. 6468, 10067
Sankar, C. R. 4490
Sankaram, A. V. B. 3729
Sankaranarayanan, A. 3724
Sankawa, U. 1950, 1971, 8219, 9184
Sankhla, N. 1792, 2025, 7090, 10044
Sankin, L. S. 5245
Sanok, W. J. 5931
Sansavini, S. 3151, 4876, 4898, 5011, 5032, 5035, 5038, 9422
Sansdrap, A. 3188
Sansinanea, A. 1012, 1089
Sant, D. 2892
Sant, M. D. 7478, 8068
Sánta, M. 250
Santagati, N. A. 5705
Santamaría, E. C. 6964
Santamour, F. S., Jr. 1212, 1891
Santana, C. J. L. de 2076, 4774, 9263
Santana, M. B. M. 2028, 9263
Santana, M. C. 6487
Santani, D. D. 8279
Santarius, K. A. 7718
Santhanakrishnan, P. 4695, 9530
Santi, E. 4717
Santiago, C. L. 5312, 6092
Santiago, R. M. 8387
Santini, L. 5948
Santos, A. 7954, 8000
Santos, C. A. L. dos 2919
Santos, D. S. B. dos 4304
Santos, M. A. 6464
Santos, R. R. dos 3141, 3144
Santos, W. V. dos 8413
Santucci, K. A. 6960
Sanwal, G. G. 3562
Sanxter, S. 4768
Sanz, J. F. 1297, 6318
Sapers, G. M. 6794
Sapis, J. C. 5117, 8715
Sapko, O. A. 6362, 6365
Saradhavasanth, K. K. 9206
Saranah, J. B. 2834
Saranah, S. 3414, 4187
Sarasola, E. A. 843
Saraswathy, P. 1724
Saraswathy, V. M. 2913
Saratikov, A. S. 8126
Sarawak, Department of Agriculture, Research Branch 6619
Saray Meza, C. R. 6869
Sardo, V. 2848, 3901
Sardo, V. I. 5681
Sargent, J. A. 8463
Sarkar, A. 1920
Sarkar, A. K. 2819
Sarkar, B. B. 4485
Sarkar, G. K. 3770
Sarkar, N. 392, 1091, 6145
Sarker, G. 1920
Sarmah, M. C. 9197
Sarnaik, D. A. 4278
Saroj Singh 3403
Sarosi, M. 5140
Sarro, M. J. 7022
Sarruge, J. R. 6164, 6559
Sartori, J. O. 9014
Sasago, K. 8628
Sasak, V. W. 2067
Sasaki, K. 2134
Sasaki, M. 7927, 9151
Sasaki, S. 5635, 7300
Sasaki, T. 208, 4285
Sase, S. 9343
Saski, N. 5984
Sasse, F. 9970
Satake, M. 578, 9150
Satake, T. 2655, 2664
Satheesan, K. V. 3797
Sathianesan, V. 3652
Sathyamoorthy, P. 4686
Sati, O. P. 7260
Satish Lodha 3403
Satnam Singh 7408
Sato, H. 9178
Sato, K. 2787, 8963
Sato, N. 1032, 5285
Sato, S. 6843
Sato, T. 8431, 8775, 9637
Sato, Y. 9239
Satoh, K. 1670
Satoh, M. 2792
Satoh, S. 950
Satoh, T. 4344
Satonaka, K. 1517, 2993
Satyabalan, K. 3794, 6531
Satyan, S. H. 10176
Satyanarayana, D. 3632
Satyanarayana, G. 7441
Satyanarayana, K. G. 529
Satyanarayana, M. 4301, 10130
Satyanarayana, V. 2363
Satyanarayana, Y. 4732
Satyaprasad, K. 311
Satzger, R. D. 3266
Sauer, A. 1769, 5509
Sauls, J. W. 697, 4007
Saunders, M. C. 4128
Saunders, N. A. 1389
Saunier, R. 1608
Sauter, J. J. 9111
Sauter, M. 1009
Sautter, C. 6946
Sauvage, D. 6943
Sauvaire, Y. 3720
Sauve, P. 5585
Savé, R. 3189, 7973, 9034
Savin, G. A. 3253
Savino, V. 9602
Savio, A. 7464
Savitchi, P. 4332
Savlakova, S. 3523
Savón, R. 6058
Savona, G. 3608, 4591
Savva, V. G. 3504
Savvina, T. M. 4955
Sawa, Y. 5225
Sawada, T. 577
Sawaf, H. M. 913
Sawahata, K. 5974
Sawant, A. D. 7439
Sawaya, W. N. 6035, 7083
Sawden, D. 7586
Sawhney, N. 5377, 6223
Sawhney, S. 5377, 6223
Sawhney, V. K. 376, 1086, 4324
Sawke, D. P. 4693, 4707
Sawyer, P. 6502
Saxe, H. 2573, 6263-6264
Saxena, D. B. 3630
Saxena, I. F. 1342
Saxena, K. K. 1344
Saxena, M. 9971
Saxena, M. C. 6974
Saxena, R. S. 1344
Saxena, S. K. 7004, 8938, 9134
Saxena, V. K. 1368, 1902-1903, 7286
Sayed, A. A. M. 3615
Scaife, A. 6917
Scalabrelli, G. 898, 4986, 5018-5019, 5877, 8596
Scamoni, F. 8472
Scaramuzzi, F. 9049
Scaranari, H. J. 3143-3144, 3182
Schaafsma, T. J. 9361
Schabort, J. C. 2442
Schacht, W. 2107
Schächtele, C. 6887, 7721
Schade, W. 4540
Schaefner, U. 7656
Schaer, T. 5986
Schäfer-Menuhr, A. 4814
Schäfer, W. 3681
Schaffer, A. A. 8336
Schaffer, B. 1632, 8680
Schaik, A. C. R. van 2254, 8544-8546
Schall, V. T. 5562
Schaller, K. 6829
Schamp, N. M. 4499
Schapendonk, A. H. C. M. 1734, 2439, 5236, 5340
Schaper, U. 7574
Schappf, H. C. 9015
Scharf, H. 6062
Scharff, C. 5717, 7699
Scharpf, H. C. 1117, 1119, 1122, 1222, 6177, 8983
Schaufelberger, D. 579
Schechter, S. 1416
Scheffer, J. 1662
Scheffer, J. J. C. 405, 3631, 4512, 4515, 5239, 9989
Scheibe, R. 7719
Scheibner, H. 10000
Schekel, K. A. 8079
Schelpe, E. A. 8048
Schelstraete, A. 2645, 2661, 9037
Scheltema, J. H. 4105

Schenck, N. C. 2638
Schennen, A. 9921
Schepens, G. R. 170, 2897
Schepps, A. L. 285
Scherer, G. F. E. 7754
Scherer, G. G. F. E. 1711
Schiavi, M. 5096, 7114
Schiavone, F. M. 2552
Schickedanz, F. 3894
Schiel, O. 9970
Schiesser, E. 1688, 7724
Schiff, P. L., Jr. 603, **4592**

Schiffhauer, D. E. 9513
Schiffmann-Nadel, M. 8343
Schilcher, H. 1009, 3907
Schildbach, R. 4518
Schilling, T. 1881
Schilstra-van Veelen, I. M. 7840
Schimkat, D. 9634
Schimmelpfeng, H. 7656, 9477
Schipper, J. A. 9835-9836
Schirra, M. 1426
Schiva, T. 1168, 6455
Schlagnhaufer, C. 2592
Schlagnhaufer, C. D. 380
Schlegel, G. 6217
Schlereth, H. 5165
Schlesselman, J. T. 7671
Schlichting, C. D. 6228
Schlingmann, U. 1122
Schloman, W. W., Jr. 8314
Schlüter, U. 497
Schmadlak, J. 89
Schmalscheid, W. 1869
Schmalscheidt, W. 3582
Schmauder, H.-P. 572
Schmeda-Hirschmann, G. 1376, 8230
Schmelcz, L. 1036, 4248, 5262, 5284, 6038
Schmelz, L. 5262, 5284, 6038
Schmid, G. H. 9710
Schmid, K. 8991
Schmid, P. P. S. 1562, 7558, 7656
Schmidhalter, U. 2549
Schmidle, A. 83
Schmidt, A. 8870
Schmidt, H. 1598
Schmidt, J. 2015
Schmidt, J. E. 6885
Schmidt, K. 1194, 5413, 6233
Schmidt, O. 1105
Schmidt, P. 219
Schmidt, R. 359
Schmidt, S. 8522
Schmilovitch, Z. 2609
Schmitt, H. M. 9784
Schmitt, J. M. 6885
Schmitz, F. 2303
Schmoldt, U. 6303
Schmuckenschlager, J. 1645
Schnabl, H. 6062
Schnapp, S. R. 7100
Schnarrenberger, C. 5982
Schneider, J. 7110
Schneider, L. 4084
Schnepf, E. 7125, 9207
Schnier, C. 9771
Schnitzer, M. 759
Schnug, E. 9771
Schoch, P. G. 7845, 8901
Scholefield, P. B. 10155-10156, 10160, 10165
Scholz, E.-G. 3326
Scholz, G. 1015
Scholz, M. F. 9268
Schönberg, G. 3111
Schönberg, R. 1077
Schönherr, J. 8493
Schönwälder, J. 5847
Schoorl, D. 827
Schoot, C. van der 2538
Schopfer, P. 2729
Schori, B. E. 7078
Schorin, H. 3920
Schoubs, Y. 143
Schouten, S. P. 1593, 2254
Schouwink, H. E. 2188
Schramm, R. W. 3363
Schreiber, U. 1676, 8462
Schreier, P. 695, 7413
Schreiner, U. 7953
Schrevens, E. 149
Schröder, M. B. 9851
Schröder, P. 3369
Schroeder, J. I. 2475
Schroën, G. 6908, 7831, 9639, 9659-9660
Schroën, G. J. M. 9641
Schröppel-Meier, G. 4152, 8027
Schroth, M. N. 6180, 7101
Schrutka-Rechtenstamm, R. 1314, 6249
Schteingart, C. D. 5576
Schübel, H. 7296
Schubert, A. 2311, 7708
Schubert, B. G. 4377
Schulbach, H. 4887
Schuler, G. A. 8766
Schulte, N. L. 50
Schultz, E. B., Jr. 4605
Schultz, G. 230
Schultz, H. 8522
Schultze, W. 9952
Schulz, P. M. 5130
Schum, A. 1204, 3495, 7113
Schum, H. 8118
Schumacher, R. 9427
Schumacher, T. E. 4216
Schun, Y. 583
Schurer, K. 9366
Schürmann, P. 1677
Schuster, A. 8230, 8248
Schuster, B. 870
Schuster, D. J. 6025
Schuster, J. E. 6316
Schut, C. J. 1577
Schwabe, W. W. 2258
Schwaller, F. 5857
Schwandt, P. 5414
Schwarz, M. R. 2184
Schwarz, S. F. 5757
Schwarz, T. 2678
Schweizer, P. 4219
Schwemmer, E. 8984
Sciancalepore, V. 8358
Sciaroni, R. H. 5431, 7094
Scibisz, K. 7617, 9423
Sciortino, A. 7115
Scopes, N. 8439
Scora, R. W. 10058
Scorer, K. N. 240
Scortichini, M. 9322
Scorza, R. 8589
Scott, D. H. 8659
Scott, J. W. 2514, 4308, 6101
Scott, K. J. 1447
Scott, R. 5487
Scott, S. J. 3442
Scotti, I. A. 1732
Scoufflaire, C. 322
Scovill, J. P. 9984
Scragg, A. H. 9164
Scriba, G. 2596
Scrivens, C. A. 874
Scudellari, D. 4994
Scurlock, J. M. O. 7447
Scutt, A. M. 7267
Seagull, R. W. 1795
Seaman, A. 2185
Sebakhy, N. A. El 7302
Šebánek, J. 5298, 9724
Sebastian, E. 1316
Sebastian, K. T. 6459
Sebastian, M. K. 5570
Seckinger, G. R. 9895
Secundino, M. 10028
Sedgley, M. 9095, 10165
Sediyama, C. S. 9696
Sedlák, V. 3997
Sedmera, P. 1296
Sedova, Z. A. 5834
Seeley, S. D. 85
Seelye, J. F. 7223
Seemüller, E. 7574
Seetharaman, T. R. 4595
Seftor, R. E. B. 6884
Segerlind, L. J. 51
Segit, Z. 7249-7250
Seguin, A. 3218
Segura, J. 2783, 9174
Sehgal, C. B. 730
Sehtiya, H. L. 10189
Seiber, J. N. 5306
Seibert, M. 7445
Seif El-Din, A. A. 10035
Seifert, K. 2015
Seigler, D. S. 1245
Seilhean, V. 457, 5470
Seipp, D. 7602, 9546, 9557
Sejourne, M. 7271
Sekar, K. 4477
Sekhar, K. N. C. 376, 4324
Sekhar, P. C. 1935
Sekhara, G. C. 8143
Sekiya, K. 5685, 5730
Sekizuka, S. 2349
Sekse, L. 8574
Seldes, A. M. 7280
Self, R. 7096, 7917, 9791
Seliger, S. 8568
Seligmann, O. 8308
Selim, M. A. 1994
Selinioti, E. 1549
Sellés van S., G. 3402
Selli, R. 4876, 4941
Selmar, D. 8415
Selmeczi, J. 6710
Selmer-Olsen, A. R. 3314, 9010
Semashko, M. S. 5066
Semenchenko, P. P. 135
Semeniuk, P. 9082
Semenov, A. A. 6354, 6390, 6397, 6437-6438, 8270-8271, 8302
Sementi Elette 2494
Semikhov, V. F. 1239
Semina, N. P. 7518
Semochkina, L. G. 8518
Sempio, C. 3034
Semrau, C. 1078
Sen, A. 4788, 10005
Sen, D. P. 8627
Sen, N. L. 1468
Sen, S. 1993, 2767, 9203
Sena Gomes, A. R. 7400
Senanayake, Y. D. A. 3620
Senaratne, R. 4606
Senecal, M. 1863
Şener, B. 5604, 5629, 6402-6403, 8240, 9177
Sener, B. 4976
Senesi, E. 5279
Seneviratne, K. G. S. 3620
Seney, H. 8441
Senfaz, S. 913
Sengupta, A. 1309
Sengupta, J. 2785
Sengupta, S. 1759
Senina, E. P. 3190
Senior, D. 3452
Senter, S. D. 6797, 7875
Seo, G. S. 5614
Seo, I. S. 8839
Seo, Y. 663-664
Seoane, E. 3675
Sepúlveda, G. 5945-5946, 7679, 9501
Sepúlveda Torres, J. L. 5670
Sequeira, E. M. 918
Sera, T. 4737
Serafini-Fracassini, D. 4156, 7726
Serafini, M. 4543, 8181, 9186
Sergeeva, K. D. 7600
Sergeeva, N. V. 7599
Serizawa, S. 5017
Serkerov, S. V. 6363-6364, 6401, 8129, 8238
Serova, L. M. 1024
Serrano, L. 3189, 7973
Serrano, M. 8163
Service, N. 9017
Serykh, E. A. 8126, 8185
Seshadri, R. 2100, 3808
Šesták, Z. 1022
Seth, A. K. 8369
Seth, J. N. 3520
Sethi, K. L. 3626, 8120
Sethiya, H. L. 6566
Seto, H. 8192, 8194
Seto, Y. 3164
Setterfield, G. 7002
Setyowati, N. 4739
Sévenet, T. 3709
Severin, V. 107
Sevila, F. 53
Sevilla, F. 627, 7338-7340
Sevrova, O. K. 7960
Sewmar, R. 7734
Sexton, R. 5901
Seybold, S. 733
Seyffert, W. 9817
Seymour, G. B. 7397
Sezik, E. 1990
Sfredo, G. J. 6164, 6559
Shaban, N. 7809
Shabana, H. R. 10096
Shabani, A. 8160
Shabranskiĭ, A. S. 5556
Shadrina, L. S. 7525
Shafer, W. E. 5304
Shaffer, R. L. 8534
Shafi, N. 9115
Shaftan, E. A. 5101
Shageen, A. M. 5287
Shagurina, T. L. 306, 4235
Shah, A. 1047, 3366, 3520
Shah, A. H. 727, 1520-1521, 4601
Shah, A. M. 6713
Shah, C. K. 6260
Shah, N. C. 1904
Shah, S. 9190
Shaib, F. A. 8359
Shakhova, G. I. 1185, 7210
Shakirov, R. 6450
Shalaby, A. A. 7040
Shalaby, A. E. 7298
Shalashvili, A. G. 6495-6497
Shalhevet, J. 7020
Shalom, Y. 2876, 4664
Shamma, M. 601, 9995
Shammas, G. 5589
Shamsuddin, K. M. 1356
Shamsuddin, T. 1356
Shang, J. 9201
Shani, A. 2020
Shani, U. 5243
Shankaranarayana, K. H. 1919
Shankaranarayana, M. L. 3808
Shanks, J. B. 7203, 9074, 9088
Shanmugavelu, K. G. 969, 3637, 4694-4695, 10125-10126
Shantaram, M. V. 2906
Shanthy, A. 1315
Shao, A. 9166
Shao, F. M. 6962
Shao, Q. Q. 2779
Shao, S. 653
Shao, Y. L. 7865
Shapa, V. A. 3160
Shapira, B. 4664
Shapiro, D. K. 5909
Shapkin, A. 4900
Sharabash, M. T. M. 2413
Sharafutdinov, Kh. V. 2150, 9476
Sharaiha, R. K. 6969
Sharga, A. N. 2658, 3527
Shargool, P. D. 2772
Sharifov, F. G. 8707
Sharipova, B. A. 9205
Sharkey, P. J. 4665
Sharkey, T. D. 2468, 4215, 9633
Sharkova, V. E. 6030
Sharma, A. 5533, 6161
Sharma, A. B. 5963
Sharma, A. K. 2785, 3426, 8300
Sharma, B. B. 626
Sharma, B. D. 2476
Sharma, B. N. 1713
Sharma, C. 999

Sharma, C. B. 1072
Sharma, C. M. 848
Sharma, C. P. 6920, 8409
Sharma, D. D. 649, 715, 5661
Sharma, D. R. 3762
Sharma, G. D. 511
Sharma, H. C. 3382
Sharma, H. P. 9155
Sharma, H. R. 7815
Sharma, J. R. 3297
Sharma, K. 4562
Sharma, K. D. 4791
Sharma, K. P. 713
Sharma, M. L. 2034, 2755, 2826
Sharma, M. P. 927, 1511
Sharma, N. 1303, 4361
Sharma, N. K. 6061
Sharma, O. P. 3408
Sharma, O. S. 8140
Sharma, P. N. 6920
Sharma, P. P. 3460, 4374
Sharma, R. 5485
Sharma, R. C. 199, 4176
Sharma, R. K. 7252, 7398, 8876
Sharma, R. P. 80, 254, 5602, 8153, 8618
Sharma, S. B. 6501
Sharma, S. C. 3527, 10025
Sharma, S. K. 972
Sharma, S. L. 319, 503, 4176, 6994
Sharma, S. S. 4188
Sharma, T. R. 3119
Sharma, V. K. 8527
Sharma, Y. 2754
Sharman, F. 8437
Sharon, N. 1963, 3692
Sharova, N. I. 4893, 4981, 6735
Sharp, W. R. 5791
Sharpe, P. J. H. 8868
Sharpe, R. H. 3148
Sharples, G. C. 8785
Sharples, R. O. 2216
Shashenkova, D. Kh. 990
Shashkov, A. S. 6431
Shattock, R. C. 3196
Shatunova, L. V. 2791
Shaumyan, I. K. 8911
Shaw, A. K. 10012
Shaw, D. C. 3912
Shaw, G. 6039
Shaw, L. N. 201, 1432, 2048
Shaw, M. L. 3293
Shaw, P. 6605
Shaw, P. E. 5711
Shawa, A. 7632
Shawl, A. S. 1810
Shchavlinskiĭ, A. N. 1312, 3706, 6424-6425, 8130
Shchekotov, A. D. 7529
Shcherbakova, S. P. 8582
Shcherbanovskiĭ, L. R. 2022
Shcherbatko, A. F. 4982
Shcherbatko, D. M. 4893, 5051, 9393
Shchory, Y. 5523
Shearing, S. J. 3473, 4925
Shearman, R. C. 454, 9031
Sheehan, T. J. 6255, 7127
Sheets, S. M. 6948
Sheets, T. J. 6809
Sheffield, E. 4420
Shegaonkar, A. T. 7838
Sheichenko, V. I. 1312
Sheldon, J. M. 7145
Shell, B. 6651
Shell, G. S. 1537
Shelton, A. M. 7045
Shelyuto, V. L. 6426
Shemeryankina, M. I. 4545
Shen, J. 724
Shen, M. L. 2095
Shen, T. 3965
Sherald, J. 5484
Sheremet'ev, S. N. 6760
Sherer, V. A. 901, 4115
Sheridan, J. B. 1351
Sherman, M. 7049, 8746
Sherman, R. M. 5161
Sherman, W. B. 840, 3148, 3200, 4068-4069, 9501
Sherman, W. G. 4978
Shermatova, D. U. 9126
Sherry, M. 2505
Sherudilo, E. G. 5345
Shetty, H. S. 9270
Shetty, S. N. 6387, 8214-8215
Shevchenko, S. V. 8598
Shewfelt, R. L. 8548, 8766, 8947, 9766
Shi, J. 1700
Shi, W. Y. 8117
Shi, X. Z. 1700
Shibaoka, H. 9008
Shibasaki, I. 6393
Shibata, H. 5225
Shibata, M. 9072
Shibata, S. 8268-8269, 9975
Shibuya, H. 9130
Shibuya, M. 8219, 9184
Shida, K. 5817
Shida, T. 9977
Shidore, P. P. 8122
Shigo, A. 489
Shih, S. F. 241, 3317, 5361
Shihata, I. M. 559
Shikhamany, S. D. 176
Shilaskar, D. V. 1277, 3655
Shildrick, J. P. 8006-8007, 8013
Shillo, R. 7216
Shim, K. K. 5515, 6299
Shima, T. 1207
Shimada, K. 593
Shimada, N. 9825
Shimada, Y. 10043
Shimadzu, M. 8265
Shimamura, K. 9594, 9600
Shimazaki, K. 4234
Shimazki, K. 4236
Shimizu, A. 283
Shimizu, M. 2007
Shimizu, N. 2101, 2502, 8154
Shimokawa, T. 565, 2769
Shimomura, K. 9150
Shin, I. V. 4258
Shin, J. A. 2619
Shin, K. C. 182, 3928
Shin, M. 1672
Shinde, P. A. 2503, 4296
Shinde, V. S. 10195
Shine, S. J. 530, 1268
Shingu, T. 577, 8258
Shinkaji, N. 1706
Shinozaki, M. 1774, 1777-1778, 7934
Shinsu, T. 9943
Shiobara, Y. 1251, 2804, 7231
Shipton, W. A. 5525
Shipway, M. R. 2366
Shiraishi, M. 3319
Shirgurkar, M. V. 7384
Shiro, M. 1163, 9168
Shirochenkova, A. I. 2277
Shiroshita, Y. 1146
Shishkin, P. V. 8708
Shishov, L. L. 3743
Shivanna, K. R. 4361
Shivashankar, S. 4726
Shkred, V. I. 6310
Shkuro, V. G. 6819
Shlyapnikov, S. B. 793
Shlyapnikova, A. S. 3191, 7594
Shlyapyatis, Yu. Yu. 1359
Shmanaeva, T. N. 4182
Shmatova, V. V. 6350
Shmeleva, V. L. 5291
Shmuel, D. 9363
Shnyakina, G. P. 2763
Shoemaker, P. B. 3419, 8937
Shoferistov, E. P. 4879
Shoham, H. 6938
Shohr, U. 1931
Shoji, J. 1346, 6273, 8264
Shoji, S. 8338
Sholokhova, V. A. 2888, 9247
Shonukan, O. 8177
Short, T. H. 3063
Shoyama, Y. 8281
Shqau, L. 814
Shreehari, G. 5963
Shreni, V. C. D. 434
Shribbs, J. M. 8519-8520
Shriner, D. S. 8812
Shrivastava, A. 1975
Shrivastava, S. S. 4300
Shrotri, D. S. 8122
Shtirbu, V. V. 3944
Shtyfurak, M. M. 5643
Shu, C. Y. 9996
Shu, H. R. 8526
Shu, L. J. 4362
Shubin, V. V. 1046
Shukla, D. N. 665
Shukla, G. S. 271
Shukla, K. G. 2838
Shukla, N. P. 7243
Shukla, P. 3375
Shukla, P. D. 3121
Shukla, R. P. 690, 5751
Shukla, S. 1944
Shukla, T. N. 3407
Shukla, V. 1072
Shukla, V. K. S. 1942
Shukla, V. S. 5602
Shukla, Y. N. 5599, 7278, 10017
Shulman, Y. 5150, 9576, 9578, 9595-9596
Shunichev, S. I. 8781
Shunmugasundaram, S. 5763
Shut, C. J. 1576
Shutkina, A. T. 6751
Shuvalov, Yu. N. 1516, 6585, 10218
Shvanderov, F. A. 118
Shyam, A. K. 4552
Si, L. K. 4279
Siagian, N. 10184-10185
Sial, F. S. 3765
Sibiya, T. E. 8955
Siddique, H. H. 8359
Siddiqui, B. S. 3596
Siddiqui, R. A. 5647
Siddiqui, S. 3596, 4256, 7815
Sidhu, A. S. 5320
Sidhu, B. S. 521, 523, 1913
Sidhu, R. K. 7996
Sidjimov, A. K. 3717
Sidorovich, A. S. 879
Sidyakin, G. P. 6360-6361, 6398, 6423, 8183-8184
Sieber, J. 9787, 9902
Sieciechowicz, K. 335
Sieckert, E. E. 7670
Siefker, J. H. 6793
Siegenthaler, P. A. 7720
Siegfried, W. R. 4443
Siegrist, J.-P. 3970
Sierra, J. R. 2711
Siesenop, U. 3469-3472
Siesling, J. 5194-5195
Sieweke, H.-J. 2793
Siewik, F. 5902
Šiffel, P. 1022-1023
Sighamony, S. 5557
Signoret, V. 1608
Sigrist Neto, A. A. 2953
Sijmons, P. C. 4211
Sijtsma, L. 8769
Sikharulidze, A. M. 6499
Sikharulidze, I. D. 2997
Sikora, J. 2281
Silayoi, B. 3161
Silbereisen, R. 2173
Silenzi, J. C. 4145
Silk, W. K. 4356, 7678
Sillanpää, M. 8486
Silva, A. A. da 6519
Silva, A. C. F. da 3288
Silva, C. C. da 6953
Silva, E. A. M. da 8861
Silva, F. L. I. M. 3434
Silva Filho, A. A. da 6409
Silva, J. A. da C. E. 8855
Silva, J. L. O. da 5170
Silva, J. R. T. da 4649
Silva Júnior, A. A. 9654, 9767
Silva, L. A. M. 2903
Silva, L. M. S. 642
Silva, M. L. da 5550
Silva Monteiro de Barros, J. C. da 2864
Silva Portela, M. C. L. da 6046
Silva, R. F. da 2517, 6040
Silva, S. 1732
Silva, T. G. da 3454
Silva, W. R. da 1470
Silvas Ríos, J. 6990
Silveira, A. P. D. 7003
Silvente, S. T. 2581
Silvestri, G. P. 5321
Simakina, S. V. 4996
Šimal, J. 2927
Šimánek, V. 1296, 1327
Simangunsong, G. 2943
Simão, S. 1397
Simeone, A. M. 831
Simeray, J. 1379
Simini, M. 4459
Simion, C. 9567
Simmonds, J. 1791, 7959
Simmons, V. 1664
Simões, F. 4529
Simón, A. 6464
Simon, A. 339
Simon, H. 7296
Simon, J. L. 8691-8692
Simón Mata, M. A. 3773
Simón Osorio, M. 9644
Simoncini, L. 2475
Simone, F. de 2006
Simoni, R. 2182, 2200
Simonidesz, V. 6382
Simonneau, R. 7478, 7966
Simonov, I. N. 2284
Simons, R. K. 69, 71, 3098, 4896, 9403
Simova, M. 2789
Simpkins, J. C. 3047
Simpson, D. R. 7372, 8346-8347, 9245, 10098-10099, 10108
Sims, C. A. 138, 144
Sims, E. T., Jr. 3158, 5000
Sims, J. R. 4227
Sims, W. L. 3256
Sinadskii, Yu. V. 1155
Sinclair, P. 935
Sinclair, P. J. 4146
Sindhan, G. S. 485
Sindyukova, N. I. 7008, 7854
Sinel'nikova, V. N. 5996, 6107
Singer, G. 2053
Singh, A. 1912, 2826, 4502, 4556, 5599, 8140
Singh, A. K. 585, 1904
Singh, B. K. 9118
Singh, B. P. 434
Singh, C. B. 6061
Singh, D. V. 1912, 4502, 4556, 5540-5541, 5599
Singh, F. 1842
Singh, G. 4708, 6961, 7408
Singh, G. P. 4149
Singh, H. 984, 4341, 6484
Singh, H. P. 4791
Singh, I. D. 6581
Singh, J. 3673, 4300, 8223, 9159
Singh, J. P. 512, 4561, 6047, 6336
Singh, K. 4278, 4508, 4556
Singh, K. D. N. 10193
Singh, K. K. 2818
Singh, K. M. 539
Singh, K. V. 215, 7243
Singh, M. 625, 4502, 5676
Singh, M. I. 628
Singh, M. M. 9972
Singh, M. P. 3004-3005, 7443
Singh, N. B. 3839
Singh, N. P. 3426
Singh, P. 8300
Singh, P. N. 617
Singh, P. P. 710, 6569, 6575, 10191
Singh, R. 587, 2357
Singh, R. A. 707

Singh, R. B. 973, 1412, 3623
Singh, R. C. 1028, 1344
Singh, R. D. 1412, 3366
Singh, R. G. 3839
Singh, R. K. 1448, 3852, 4149
Singh, R. N. 2482, 3812
Singh, R. P. 544, 617, 710, 2389, 5056, 8938, 9294
Singh, R. S. 3163, 5560
Singh, S. 1923, 2395, 7408
Singh, S. B. 585, 5173
Singh, S. K. 506, 1923, 9208
Singh, S. N. 728
Singh, S. P. 506, 1909, 1911, 2357, 4288, 4462
Singh, T. P. 6569
Singh, V. 3810
Singh, V. P. 512, 6574
Singh, V. S. 1142
Singh, Y. N. 8157
Singha, S. 91, 820, 6724
Singhvi, N. R. 7758
Singleton, V. L. 9566
Sinha, A. P. 2357
Sinha, J. N. 4471
Sinha, M. M. 281, 3770
Sinha, N. K. 1309
Sinha, P. 9979, 10024
Sinha, R. 10193
Sinha, S. 8140
Sinha, S. C. 603
Sinha, S. K. 715
Sinha, S. K. P. 8162
Sinha, S. N. 221, 260
Sinha, T. D. 2360, 2519
Sin'ko, L. T. 9303
Sinnadorai, G. 1284
Sipayung, A. 2943
Sipma, G. 2746, 6443
Siqueira, R. 4737, 5746
Siqueira, W. J. 2354
Sircar, P. K. 7214
Sirgar, P. K. 729
Sirimanne, S. R. 1284
Sirinivas, K. 255
Siriratpiriya, O. 3314
Sironval, C. 9670, 9710, 9714
Sisler, E. C. 4223, 5385, 7916
Sistler, F. E. 718, 9296
Sites, P. W. 9328
Siti Shaleha Talib 4486
Sitrit, Y. 7316
Sitte, P. 7956
Sivadasan, M. 4715
Sivak, M. N. 8774
Sivakumaran, S. 6563, 7419
Sivan, A. 2535
Sivanappan, R. K. 5742
Sivapalan, K. 3002
Sivaraman Nair, P. C. 666
Sivasamban, M. A. 4721
Sivasankaran, K. 1415
Sivasithamparam, S. 6190
Sive, A. 838
Siviero, M. E. 6955, 7793
Siviero, P. 5321
Siwulski, M. 4345
Sjaifullah 7382
Sjulin, T. 9549
Skąpski, H. 2424, 4151
Skata, Y. 4448
Skazhennik, M. A. 2481
Skelton, B. W. 2777
Skelton, F. E. 6788
Skilton, R. A. 9367
Skimina, C. A. 5810, 7207
Skirde, W. 491, 3548, 3550
Skirvin, R. M. 8465
Sklyar, V. I. 6408, 6434
Skogen, D. 2730
Skorzova, Z. V. 2763
Skripkin, N. S. 3221, 9131
Skroch, W. A. 3419, 8519-8520
Skuterud, R. 7814
Skytt Andersen, A. 9922
Slack, G. 2432-2433, 7776, 7863
Sladký, Z. 6669
Slager, H. 1571
Slatkin, D. J. 603
Slatter, C. 8157
Slaughter, D. C. 141
Slavgorodskiĭ, V. E. 4885
Slavov, S. I. 2740
Sletteland, N. T. 6642
Slootweg, G. 7974, 7985
Sluis, C. J. 3030
Sluis, W. G. van der 1311
Smagin, N. E. 3171
Smajstrla, A. G. 2046-2047, 3467, 5677
Smal, J.-P. 893
Smale, P. E. 880-882, 2295
Small, J. G. C. 5234
Smart, G. 2063
Smart, R. E. 1641, 4110, 5126
Smatana, L. 6803
Smeets, M. J. M. 7076
Smet, G. de 2951
Smet, P. A. G. M. de 1928
Smilde, J. W. 4142
Smilde, K. W. 942
Smiley, E. T. 9915
Smirnov, K. V. 3219, 8708
Smirnova, E. S. 7178, 9888
Smirnova, Z. I. 1116
Smit, C. J. 2323
Smith, A. M. 5188
Smith, A. R. 294-295, 336, 8866
Smith, B. N. 2025
Smith, C. B. 8729
Smith, C. J. 8411
Smith, D. 7417
Smith, D. A. 2411, 3338
Smith, D. B. 47
Smith, D. L. 9047
Smith, E. M. 472
Smith, E. S. C. 3790
Smith-Eriksen, A. 7964
Smith, F. A. 8755
Smith, G. S. 6510, 6981, 9532
Smith, H. 8411
Smith, J. 5931
Smith, J. A. C. 8018-8022, 9041
Smith, J. F. 1102, 2563, 3008, 6167, 9777
Smith, J. J. 6137
Smith, J. R. P. van H. 6594
Smith, K. M. 1709
Smith, L. B. 4377
Smith, M. A. 3381, 4263, 5296, 5301
Smith, M. A. L. 9099
Smith, M. W. 8611
Smith, N. J. S. 7397
Smith, P. 720
Smith, P. G. 336
Smith, R. B. 112, 9561
Smith, R. I. 4909
Smith, R. J. 3248
Smith, R. W. 2364
Smith, S. E. 8755
Smith, S. M. 2159, 5866
Smith, T. A. 3917
Smith, T. W. 3644
Smith, W. 9297
Smith, W. H. M. 3879
Smithwick, C. M. 6490
Smittle, D. A. 8765
Smolarz, K. 2272-2273, 2275-2276, 2281, 2283, 2285, 7612-7613, 7621
Smole, J. 2149
Smucker, A. J. M. 1018, 4216
Smykov, A. V. 4879, 8498
Smykov, V. K. 3979, 8504, 8506, 8582, 9393
Smykov, W. K. 89
Smyth, D. R. 3524
Smyth, J. A. B. 6008
Snapian, G. G. 5027
Snapyan, G. G. 5027
Sneh, B. 2579
Snel, J. F. H. 330, 333, 9045
Snelgar, W. P. 6784
Snijman, D. 4405
Snir, I. 7607
Snir, Y. 2279
Snoeck, D. 5744
Snoeck, J. 5744, 10145
Snow, J. W. 1612, 3154
Snowball, A. 6782
Snowball, G. J. 7349
Snyder, C. H. 1253
Soares, E. 3433, 3435
Soares, J. M. 940
Sobeih, W. Y. 7713-7714
Sobieralski, K. 4283
Soboleva, L. E. 4354, 4393
Sobolewska, J. 6138
Socha, G. 7792
Socias i Company, R. 56
Socorro, A. R. 6523
Soczek, Z. 2238, 9408
Söderhäll, K. 400
Soderholm, P. K. 4737
Soderlund, R. 5126
Soeder, R. W. 2640
Soediono, N. 466
Soejarto, D. D. 1981, 2710, 10015
Soekarto, S. T. 2035, 2077
Soenaryo 4724, 6555, 9264
Soepena, H. 1503
Soepriaman, Y. 8969
Soerensen, K. 7090
Sofowara, A. 6441
Soicke, H. 4470
Sokolov, D. I. 6937
Sokolov, S. Ya. 3706
Sokolova, V. E. 2775
Sokoushin, V. I. 4851
Solakov, Y. 6638
Solanki, S. S. 3284
Solárová, J. 4217, 9709
Soler, E. 7238
Solimabi 1291
Soliva, M. 289, 455
Sollorz, G. 6416
Solntsev, M. K. 306, 4235
Solomon, B. O. 4722
Solomos, T. 7122, 7259
Solórzano V., E. 1029
Solov'eva, D. D. 9405
Solov'eva, L. E. 3115
Soltész, M. 799, 855
Solymosi, P. 8443
Som, M. G. 5169, 5172
Somashekar, R. K. 222
Somasundaram, S. 7274
Somerville, C. R. 3891
Sommer, H. E. 7218
Sommer, N. F. 1526, 2270
Sonar, K. R. 6579
Sonawane, M. L. 352, 1065
Sondahl, M. R. 3228
Sondengam, B. L. 2004
Sonego, L. 4054
Song, G. Q. 1989
Song, Y. N. 5424
Sonneveld, C. 242, 350, 414, 5961
Sonoda, Y. 8941
Sonone, H. N. 1717, 4198
Sood, S. K. 9060
Soole, K. L. 7715
Soopramanien, G. C. 5769-5770
Soost, R. K. 4625, 8328, 10057
Sordat, B. 10026
Sorensen, E. J. 2492
Sorensen, K. A. 3419
Soressi, G. P. 5096, 5261, 7114
Soriano, C. 7153
Sorkina, G. L. 2179
Sormaghi, M. H. S. 8160
Sorrentino, L. 8233
Sørum, O. 8542
Soteros, J. J. 2297, 6315
Sotheeswaran, S. 9154
Soto, F. 10138
Sottile, I. 158, 195
Sotto, R. C. 3820
Sotton, M. 1657
Soudain, P. 236, 2379
Soukup, J. 1766
Soule, J. 1527
Soulélès, C. 5589
Soultanopoulos, C. D. 2890
Soumahoro, B. 471
Sourd, D. 1480
Sourial, G. F. 919
Sousa, A.-J. T. de 3925
Sousa Correa, L. de 6508
Sousa, I. F. de 8413
South Africa, Citrus and Subtropical Fruit Research Institute 3024, 5666, 8321, 9318
South Africa, Director-General: Agriculture 6620
South Africa, South African Sugar Association Experiment Station 1534
South Africa, South African Sugar Technologists' Association 2119
Southgate, D. 3903
Southwick, S. M. 1419, 7354
Southworth, D. 1159
Souty, M. 3132, 4023
Souza, A. C. G. de 9252
Souza Filho, B. F. de 6954, 8854-8855
Souza, G. S. de 2517
Souza, I. A. de 6409
Souza, I. F. de 2921
Souza, M. de 1410
Souza, R. L. R. de 4755
Sovetkina, V. E. 990
Sovová, M. 4558, 9980
Soydanbay, M. 4977
Soyunov, P. 4674, 9247
Soyza, A. G. A. de 4775, 4778
Sozonova, L. I. 1239
Sozzi, A. 786, 815, 823, 939, 1056, 1423-1424, 4948, 5014
Spada, G. 5014
Spain, Departamento de Hortofruticultura y Cultivos Subtropicales, INIA 2958
Spain, Estación de Investigación sobre Cultivos Hortícolas Intensivos 1145
Spain, Estación Experimental del Zaidín 4823
Spain, Sociedad Española de Ciencias Hortícolas 7456
Spalding, D. H. 6094
Spano, D. 5665
Spanoudaki, M. J. 8105
Spanswick, R. M. 9760
Sparks, D. 3180, 5060, 8610
Sparnaaij, L. D. 6187
Spassovska, N. 7868
Spaulding, D. W. 1170
Spek, J. C. 3040
Spellerberg, B. 1211
Spence, R. D. 8868
Spencer, A. 2595
Spencer, D. M. 3008
Spencer, K. 1245
Spencer, M. S. 9647
Spener, F. 1942
Speranza, G. 9978
Spessotto, C. 7677
Spice, J. 8101
Spiegel-Roy, P. 8693
Spiegelstein, H. 416, 7948
Spies, P. M. 2981
Spiga, M. 8477
Spigelman, M. 7836-7837
Spikman, G. 7967
Spilatro, S. R. 9899
Spina, P. 779
Spiridonov, Yu. Ya. 1400
Spirovski, J. 9492
Spitzová, I. 5597, 8294
Splittstoesser, W. E. 5349
Spomer, L. A. 3909
Sponsel, V. M. 6977
Spotts, R. A. 8532
Sprau, G. 1134
Sprengart, M. L. 8036
Sprent, J. I. 7803-7804
Spring, J. L. 8706
Springer, S. A. 2146
Spruit, C. 2254

Spruyt, E. 299, 5276
Spugnoli, P. 1623
Spurr, A. R. 965, 5990-5991
Spyropoulos, C. G. 1256, 9941
Sreenivas, B. 3674
Sri Lanka, Rubber Research Institute of Sri Lanka 1535
Sri Lanka, Tea Research Institute 2123
Srifah, P. 9057
Srimmannarayana, G. 541
Srinivas, K. 1072
Srinivasan, C. 703
Srinivasan, C. S. 7403
Srinivasan, K. 343, 4703, 4713, 6985
Srivastava, B. G. 544
Srivastava, B. K. 3426
Srivastava, H. C. 3708
Srivastava, K. C. 3813
Srivastava, K. J. 5178
Srivastava, K. K. 3838
Srivastava, K. M. 434
Srivastava, L. J. 504, 522
Srivastava, L. M. 3349
Srivastava, M. 6381
Srivastava, P. K. 4148
Srivastava, R. P. 3104
Srivastava, R. S. 9208
Srivastava, S. D. 6317
Srivastava, S. K. 1701, 4679, 7761, 9971
Srivastava, S. N. 5598
Srivastava, S. P. 3121
Srivastava, V. K. 943, 2358, 4148
Srp, A. 6343
Sruamsiri, P. 1633, 2301, 7650
Ssali, H. 288
Staaij, M. van der 8897
Stabbetorp, H. 1035
Stabbetorp, W. 4249
Staby, G. 7902
Staby, G. L. 3481
Stace, N. H. 9256
Stachowski, P. J. 5967
Staden, D. F. A. von 872
Staden, J. van 2027, 4403, 4567, 4615, 7915, 10007, 10048
Staden, O. L. 7922
Stadler, J. D. 3078-3080
Stadler, W. 5843, 9427
Staehelin, L. A. 5187, 7881-7882
Stafford, R. E. 4244
Stafstrom, J. P. 7881-7882
Stahl-Biskup, E. 6339
Stahly, E. A. 854, 3169-3170, 4950
Staiff, D. C. 9435
Stainer, R. 9392, 9463
Staley, L. M. 5816, 6651
Stall, W. M. 286, 1727
Stallen, M. P. K. 2188
Stamatakis, K. 7497
Štambera, J. 6021, 6149-6150
Stambergova, A. 4542
Stamova, L. 6113
Stamps, R. H. 2665, 6268, 9876
Stan, G. 6817
Stan, S. 5023, 5845, 6817
Stančević, A. 2149, 2227, 2250
Standardi, A. 5897, 9533
Standke, R. 6729
Staněk, J. 3938, 3943
Stang, E. J. 4970, 7630-7631, 7645, 8679
Stang, J. R. 6241
Stanghellini, C. 4854
Stanghellini, M. E. 224
Stanisavljević, M. 4057, 9541
Stanišić, T. M. 3966
Stanislas, E. 4586
Stanley, B. H. 2184, 3109
Stanley, C. D. 3488, 5388
Stanley, C. J. 2322, 6783
Stanley, D. M. 3109
Stanley, G. 8553
Stapfer, R. E. 1794, 9813
Staphylakis, K. 4369
Stapleton, J. J. 5959
Starbuck, C. J. 3933
Starck, J. R. 362, 366, 3948-3949, 4442
Stark, R. 7652
Starkey, N. G. 5328
Starkey, P. M. 6076
Starling, R. 1830
Starr, G. 9822
Starrantino, A. 1396, 10059
Starý, F. 8294
Stassen, P. J. C. 3078-3080
Šťastný, M. 7485
Stathers, R. J. 6417
Staub, J. E. 6022, 8820
Stäubli, A. 5043
Staveley, J. R. 2467
Stavreva, N. 282
Stavropoulou-Delivoria, A. 10102
Stead, A. D. 4812
Steckel, J. R. A. 3452, 5176, 7702-7703, 7757
Steegmans, H. H. M. 2688, 9854
Steene, L. Van De 6923
Steenhuizen, J. W. 8794
Stefan, V. 2724
Stefanizzi, L. 551, 4395
Stefano, R. Di 5583
Stefanović, D. 218
Steffens, G. L. 86, 812, 3105, 3114, 5275, 6599, 6694, 6720
Steffens, P. 1233
Stein, L. A. 5063
Stein, M. 3254
Stein, O. L. 479, 2709
Stein, U. 2325
Steinberg, S. 7538
Steinberg, S. L. 9610
Steinbuch, F. 9350, 9863, 9905
Steiner, B. 3208
Steiner, J. J. 9608
Steingröver, E. 5194-5195, 8769
Steinitz, B. 2659
Steinmetz, H. 4089
Stepanov, S. N. 7514-7516
Stepanova, A. F. 4879, 8498
Stepanova, A. K. 4878
Stepanova, Z. A. 946-947
Stepanyan, B. T. 9976
Stephan, G. 8541
Stephens, C. T. 259, 430
Stephenson, D. W. 6686
Stephenson, R. A. 7310, 7370
Sterling, B. 8028
Sterling, E. P. 7911
Stermitz, F. R. 1882, 7176
Stern, V. M. 2315
Stern, W. L. 5476
Sterrett, J. L. 3890
Sterrett, J. P. 6721
Stetsenko, N. M. 8026
Stetson, L. E. 7474
Steudle, E. 3118
Steup, C. 10000
Steup, M. 6887, 7721
Steurbaut, W. 5993
Steven, D. 7586, 8364
Stevenson, D. S. 3102, 8701
Stewart, J. 9054
Stewart, J. I. 6041
Stewart, J. W. B. 6047
Stewart, R. K. 3952
Sticher, O. 1962, 4564, 5630
Stichler, W. 9038
Sticker, O. 10030
Stiehl, B. A. 7108
Stienstra, A. W. 6906
Stierle, D. B. 4555
Stiff, R. A. 5774
Stigter, H. C. M. 3587
Stigter, H. C. M. de 8091-8092
Stikhin, V. A. 2764, 3662
Stillman, J. I. 5718
Stimart, D. P. 433, 3594, 6230
Stimmel, K. H. 8018-8019, 8021-8022
Stine, C. B. 9354
Stirban, M. 535
Stirpe, F. 2762
Stirrat, R. 7181
Stitt, M. 1659, 1679-1680, 5357, 7811, 9632-9633
Stobbs, L. W. 9494
Stock, H.-G. 5286
Stöckigt, J. 1947-1948, 5618, 7296
Stoddard, F. L. 6970
Stoesz, D. A. 8383
Stofella, P. J. 4209
Stoffella, P. J. 2505, 2514, 4308
Stoffers, J. A. 3049
Stoian, L. 7878
Stoĭneva, M. 3091
Stoĭnova, E. 186, 3249, 7681
Stojanowska, J. 3948-3949
Stokes, J. B. 546
Stokes, J. D. 5074
Stolk, J. C. 2583
Stolk, J. H. 356, 1805
Stolzer-Jehle, A. 6053
Stolzy, L. H. 6536
Stone, G. A. 5559
Stone, M. L. 1274
Storck, H. 7688
Storey, J. B. 5063
Storey, R. 2021
Stork, A. L. 4396
Störtzer, M. 6739, 8567
Stösser, R. 1605, 5863, 9380
Stough, I. 2505
Stow, J. 6726
Stow, J. R. 2159
Straatsma, G. 9780
Straatsma, J. P. 7001, 7732, 7756, 7853, 8817, 9643
Strack, D. 223, 3139, 4184, 6009
Strakhov, V. G. 904, 5121
Straley, G. B. 7131
Štranc, J. 6343
Strandberg, J. O. 6153
Strang, J. G. 8653
Strashnov, Y. 2535
Strater, J. B. 7641
Stratton, G. D., Jr. 5224
Strauch, K.-H. 1123
Strauch, K. H. 3042
Strauss, A. 8251
Strauss, C. R. 5152
Strauss, H. C. 5144
Straver, G. H. M. B. 6165
Streitberg, H. 3120
Strekova, U. Yu. 10221
Střelec, V. 6093
Stretch, A. W. 6795, 8651
Strider, D. L. 2582, 2593, 4372, 5389, 7925-7926, 7928
Strigina, L. I. 1355, 5625, 6421
Strik, B. C. 4080
Stringari, C. 6664
Strojny, Z. 3487, 4352
Struck, W. 9339
Struckmeyer, B. E. 7630
Struszczyk, H. 31
Struve, D. K. 1232
Strychacz, I. 4170, 8801-8804
Stryckers, J. 78, 137, 145, 216
Stryckers J. 234
Stryckers, J. 246, 251, 264-265, 397, 413, 470, 1017, 4912, 5213, 5240, 5374, 7701, 7730, 7743, 7751, 7799, 7879
Stuart, M. C. 5399
Studeník, B. 7498
Studman, C. J. 9367
Stumpf, P. K. 41
Stupak, N. N. 2590
Šturdíková, M. 7304
Sturm, A. 6322
Sturm, N. S. 2742
Stushnoff, C. 869, 8616
Stutte, G. W. 8356
Štys, Z. 4523
Su, H. J. 5662
Su, L. 43
Su, L. Y. 7764
Su, M. H. 3745
Su, M. X. 5722
Suadi, J. E. 2270
Suárez, A. 1270
Subbaiah, C. C. 4712, 4714
Subbiah, K. 4289
Subbotina, G. A. 10221
Subha Rao, I. V. 9120
Subhadrabandhu, S. 3161, 7381
Subrahmanyam, K. 4290
Subramaniam, A. 9290
Subramaniam, R. 3637
Subramaniam, T. 6556
Subramanian, D. 4291, 4686
Subramanian, G. 1253
Subramanian, T. R. 1072
Subramanyam, K. V. 349
Súcar S., S. 2801
Suchorska, K. 4509-4510, 9149
Suciu, Z. 6956, 7706, 7737, 7775
Suda, Y. 1667
Sudama Singh 1505
Sudeĭnaya, S. V. 7913
Sudhir, S. 8309-8310
Sudhir Shukla 8266
Sudoi, V. 3000
Suehara, H. 1206
Suga, T. 7234
Sugahara, K. 1667
Suge, H. 6010
Sugianto, S. 2995
Sugii, M. 4563, 8227
Sugijono 6529
Sugiki, T. 9471
Suginaka, H. 8433
Sugisawa, H. 3639
Sugisawa, K. 9938
Sugiura, A. 3774
Sugiyama, K. 1290, 3658, 8179, 8278, 8303, 8305, 9996
Sugiyama, M. 9007
Suh, J. K. 2617
Suh, Y. K. 2602
Suhag, L. S. 5180, 5249
Sujatha, A. 8149
Sukarji, R. 2939
Sukasem, S. 6859
Sukatar, A. 1804
Sukhinder Kaur 1713
Sukhotskaya, S. G. 837
Sukhotskiĭ, M. I. 4897
Sukhova, L. S. 9620
Sukmana, S. 9127
Suksamrarn, A. 6369, 7253, 10038
Sukul, N. C. 8887
Sukumaran Nair, S. 2961
Sulakvelidze, Ts. P. 6391
Suleeva, R. 6332
Suleĭmanov, A. Sh. 9798
Sulistyowati, E. 9264
Sulladmath, U. V. 4738, 6539
Sulladmath, V. V. 620
Sullivan, J. 8465
Sulochana, N. 1997
Sultana, K. 3651
Sultana, S. 5612
Sultanul Haq 9134
Suman, C. L. 436
Sumathikutty, M. A. 1916
Sumbali, G. 8501
Sumi, R. A. 6156
Sumitra Sen 2767
Summers, R. W. 1601
Summers, W. L. 278
Summy, K. R. 631
Sumner, D. R. 287
Sumner, M. E. 7502
Sun, A. C. 1838
Sun, D. L. 7505
Sun, K. J. 1648

Sun, L. H. 7505
Sun, S. K. 3346
Sun, S. W. 1917
Sun, W. 3965
Sun, Y. F. 1452
Sunarwidi 10184-10185
Sundara, B. 6573
Sundararajan, S. 4289
Sundararamaiah, T. 2786
Sundberg, M. D. 2128, 7492
Sundby, C. 766
Sundstrom, F. J. 6253
Sung, T. V. 560
Sunita Dawra 3762
Supcikova, M. 4542
Suplicy Filho, N. 616, 686
Supnick, M. 2685
Supniewska, J. H. 9200
Surano, V. 8233
Surber, E. 4036-4037
Surdu, V. 7559
Suresh, E. R. 5118
Suri, R. K. 3627
Surjan Singh 3408
Surtiyati, S. 6526
Suryatmo, F. A. 3857
Sus, J. 3945
Süss, L. 5699
Sussex, I. M. 1086
Suta, A. 5845
Sutarno, H. 3462
Suto, K. 8211
Sutter, E. 6804
Sutter, E. G. 1889, 7972
Sutton, M. W. 3517
Sutton, T. B. 8531
Suurs, L. C. J. M. 7119
Suvora, A. I. 9697
Suwandi 2939
Suwardjo, H. 9127
Suwwan, M. A. 8920
Suzich, J. A. 1746
Suzuki, C. 9432
Suzuki, H. 1247, 1853, 3694, 5709, 10109
Suzuki, I. 2787, 6169, 8963
Suzuki, J. 1337
Suzuki, K. 8770, 9225
Suzuki, M. 2687
Suzuki, T. 685, 2099, 5747, 7810
Suzuki, Y. 9191
Svejda, F. 7201, 7227
Svendsen, A. B. 405, 571, 4515, 4590, 5638, 6377, 8298, 9989
Svitáčková, B. 6235
Svoboda, A. 5886
Svoboda, A. M. 8056
Swamy, G. S. 4478
Swanson, B. G. 7807
Swanson, W. A. 4637
Swardt, G. H. de 9800
Swart, A. 7992, 9837
Swarts, D. H. 2885, 5721
Swartz, H. J. 5862, 7638, 8656, 8659-8661
Sweeney, D. G. 2385
Swennen, R. 10120
Swetnam, L. D. 150
Swiader, J. M. 272, 3098, 3342, 3344, 6023, 9607
Swiatek, L. 2606
Swietlik, D. 4636, 7346, 10073, 10084
Swift, J. F. 4672
Swift, R. S. 4071, 5081-5082, 7614, 9551
Swinford, J. M. 2982, 3836
Swirski, E. 6476, 7490
Switzerland, Centre d'Arboriculture et d'Horticulture des Fougères 7461
Switzerland, Eidgenössische Forschungsanstalt für Obst-, Wein- und Gartenbau 15
Syamsuddin, E. 2930
Syamsudin, E. 1485
Sych, Z. D. 6866
Sykes, S. R. 5664
Sylvia, D. M. 9102
Symanzik, U. 8568
Symington, A. G. 2631
Symon, D. E. 3396, 7470
Syono, K. 6063-6064
Sype, H. van de 5762
Sypień-Perłowska, M. 3291-3292
Syrbu, I. G. 3131
Syrchina, A. I. 6397, 8270-8271
Syrgiannidis, G. 4993
Syria, Arab Centre for the Studies of Arid Zones and Dry Lands 16
Sytsema, W. 7968
Syukur, S. 2940
Syvertsen, J. P. 2870, 3737, 3747, 3911
Szabó, A. T. 1010
Szabó, B. 496
Szabó, F. 777
Szabó, Z. 9521
Szabolcs, J. 2607, 7844
Szafranski, F. 8368
Szakál, M. 2722
Szalay, F. 2367
Szalay-Marzsó, L. 8443-8444
Szalay, P. 8137
Szalmás, M. 4099
Szarek, S. R. 460, 5466
Szczepaniak, S. 4401
Szczepański, K. 4398
Szcześniak, T. 6930, 9669
Sze, H. 5358
Szekerczes, J. 3824
Szendrei, K. 1895, 2808, 7307, 8282, 9139, 9181
Szentesi, A. 8445
Szeto, S. Y. 1723
Szilágyi, K. 6799
Szitha, E. 7683
Szivos, Y. 2053
Szöke, L. 4099
Szöke, L. 4116, 4119
Szolnoki, T. W. 6598
Szpunar, J. W. 7620
Sztejnberg, A. 8570, 9442
Szwonek, E. 3437, 6901, 7065
Ta, T. C. 4259
Taafrout, M. 6433
Tabata, M. 3640, 4493, 5641, 8259, 9189, 9281
Tablada, R. 10147
Tabuenca, M. C. 6717
Taccheo, M. B. 7677
Taczanowski, M. 341
Tada, M. 247
Tadeo, J. L. 1420
Tadera, K. 3560
Tadros, S. H. 129
Tadzhibaev, M. M. 6396
Taffin, G. de 1467, 9265
Tagawa, I. 9914
Tagawa, M. 488
Taggi, R. 4861, 5326, 9365
Tagiev, S. A. 9180
Tagliasacchi, A. M. 9464
Tagliazucchi, M. 3134
Tagliente, D. 173
Taguchi, H. 1936
Taguchi, K. 2271
Taguchi, T. 10109
Taha, S. M. 4303, 4312, 4314-4315
Tahardi, S. 1466
Taher, H. A. 2017
Taib, Y. M. 1495
Tailasheva, T. Ya. 5565
Tailliez, B. J. 4755
Taimatsu, T. 1629
Taira, S. 3774
Taiwan, Asian Vegetable Research and Development Center 2516
Taĭzhanov, K. 5578
Taji, A. M. 4457
Tajima, R. 5603
Tajuddin, I. 10186
Takabe, S. 6435
Takabe, T. 9628
Takagi, J. 8245
Takagi, K. 7350
Takagi, S. 9629
Takahara, T. 9230, 10064, 10089
Takahashi, E. 2431, 6163, 8144, 8604, 9507
Takahashi, H. 2487, 4155
Takahashi, K. 7297, 7301, 8244, 9688
Takahashi, M. 2134, 3440, 8208, 10002-10003
Takahashi, N. 6881
Takahashi, T. 4550, 6843, 9116, 10004
Takahashi, Y. 9445
Takakura, T. 9341
Takano, T. 6843
Takasaki, M. 577
Takatsu, I. 6243-6244
Takatsuji, T. 5041, 9225
Takeba, G. 283
Takechi, M. 555
Takeda, K. 481, 3664, 5805, 7096, 7917, 9791
Takeda, R. 8232
Takeda, T. 1941, 2007, 6370, 6435
Takeda, Y. 4344
Takehara, M. 555
Takemoto, T. 1251, 2147, 3352, 7231
Takeo, T. 3856, 5781
Takeshima, Y. 9104
Taketani, K. 5437
Takeuchi, I. 8966, 9781
Takeuchi, K. 7279, 9105
Takeuchi, S. 4184, 5698, 9191
Takeuchi, T. 3319
Takeuchi, Y. 993
Takeya, K. 2780, 5603
Takeyama, K. 9612
Takeyama, T. 2787
Takido, M. 1943, 6374, 9160
Takikawa, K. 2804
Takimoto, A. 1774, 1777-1778
Takino, C. 2768
Takiuti, M. K. 2458
Takizawa, N. 1250
Talanova, V. V. 2440, 5345, 7048
Talbot, G. A. 6008
Talenti, E. C. J. 2017
Talia, M. A. C. 8977
Talia, M. C. 4389
Talib, Y. 9273
Tallarico, R. 4311
Talwar, K. K. 3832
Tama, K. 2856-2857
Tamaki, M. 1672
Tămaş, M. 10006
Tami, M. 5852
Tamonte, M. 4165
Tamura, H. 8141
Tamura, T. 1865, 5495
Tamura, Y. 614, 4864
Tam'yanina, E. V. 6420
Tan, C. S. 3416, 4316
Tan, F. L. 2809
Tan, H. L. 5960
Tan Koonlin 735
Tan, R. 1335, 8289
Tan, S. C. 3816
Tan, T. J. 6440
Tan, Z. Y. 7912
Tanaka, A. 92, 5253
Tanaka, H. 951, 1336, 9916
Tanaka, K. 1667, 5248, 6064, 7787, 9692
Tanaka, M. 2669, 6282, 9621
Tanaka, N. 2655, 2657, 2664
Tanaka, O. 1346, 1986, 3700, 5631, 6407, 7291, 9152, 9202
Tanaka, R. 3352, 7234
Tanaka, S. 92, 9281
Tanaka, T. 5524, 7375-7376, 8061, 9026, 9304
Tanaka, Y. 555
Tanboon-EK, P. 7647
Tandler, J. 7948
Tandon, D. K. 694
Tandon, J. S. 10025
Tandon, P. L. 690, 5751
Taneja, A. D. 3852
Taneja, K. D. 2476
Tang, C. Q. 5193
Tang, J. 639
Tang, L. 79
Tang, Y. 5280
Tang, Z. X. 3575-3576
Tang, Z. Y. 8330
Tani, T. 1363, 3164-3165, 6428, 8193, 9188
Tanifuji, S. 6155
Tanigoshi, L. K. 4652
Taniguchi, K. 7234
Taniguchi, M. H. 8412
Tanimoto, E. 1721
Tanimoto, S. 6229
Taniputra, B. 9277, 9279
Taniyama, T. 9192-9193
Tankard, G. 1390
Tanker, M. 1918
Tanker, N. 1918
Tanne, E. 9584
Tanno, S. 10109
Tantau, H. J. 9358
Tantisewie, B. 601
Tantishaiyakul, V. 6412
Tantivatana, P. 562
Tanurkova, G. R. 904
Tao, K. L. J. 7472
Tao, X. Q. 8810
Tăpălagă, A. 531, 534-535, 537
Tapia, A. 2459
Tapia, L. 2892, 7478-7480, 7966
Taran, D. D. 8126
Tarandjiska, R. B. 1901
Tarczynski, M. C. 2146
Targamadze, I. L. 6495, 6497
Tariq, M. 1972, 2024, 2603, 3678, 3721, 8216
Tarjan, A. C. 3552
Tarlakovskaya, A. M. 2477
Tase, L. 6986
Tasei, J. N. 5790
Tashkhodzhaev, B. 6414, 8183
Tasistro, A. 2459
Taskhanova, E. M. 6450
Tassini, G. 3222
Tassou, S. A. 9356
Tatár Kis, E. N. 2347
Tatara, A. 5698
Tate, B. A. 4650
Tatti, Z. A. 7749
Tattini, M. 8529
Tau, J. L. 6043
Taussig, S. J. 3824
Tavares, J. P. 7414
Tavdumadze, G. N. 1409
Tavira, E. M. 4163
Távora, F. J. A. F. 9291
Tawfik, A. A. 919
Tayama, H. K. 5494
Taylor, A. G. 2368, 9623
Taylor, B. H. 8521
Taylor, B. K. 6686
Taylor, D. A. H. 1924
Taylor, D. R. 2204, 2756
Taylor, G. W. 6068
Taylor, H. L. 3710
Taylor, J. 3510
Taylor, J. O. 5649
Taylor, N. 9877
Taylor, N. P. 4801
Taylor, O. C. 5989, 8853
Taylor, P. J. W. 8426, 8428
Taylor, P. W. J. 8427
Taylor, R. D. 8424
Taylor, R. M. 3262
Taylor, R. W. 4952
Tazzari, G. 4898
Tea Research Association, India 725-726
Teasdale, J. R. 1073
Teasdale, S. R. 5309
Tebbets, J. S. 644, 2446
Tedders, W. L. 4034
Tedeschi, P. 2509

Tedla, T. 1081
Teeri, J. A. 8046
Tehlan, R. S. 3852
Teichman, I. von 8434
Teiger, G. S. 9020
Teitel, D. C. 1743
Teixeira, A. A. 8396
Teixeira de Sousa, A.-J. 3925
Teixeira, J. P. F. 3715
Tejeira, I. 8159
Telesh, M. I. 6910
Telewski, F. W. 298
Telfer, A. 326, 8878
Téliz, D. 5659
Tellería, T. 4642
Tello-Balderas, J. J. 2815
Temirkhanov, B. E. 6847
Temmen, K. H. 9436
Temmerman, L. de 7687
Temmerman, L. O. De 7150
Temple, J. T. 5989
Temple, P. J. 8853
Tendaj, M. 3286-3287
Teng, M. 88
Tenga, A. Z. 6082
Tennes, B. R. 7549, 8543
Tenorio, J. L. 3727
Teodorescu-Ionescu, N. 7939
Teodorovskiĭ, V. S. 3572
Teófilo Sobrinho, J. 616, 7324
Ter-Manuèl'yants, Z. I. 6102
Terahara, N. 7917
Teramoto, S. 9104
Terao, D. 2977
Terao, T. 9106
Terasawa, K. 3664
Terashita, T. 2568
Teren'ko, G. N. 3100
Terenti, O. 5175
Tereshchenko, O. F. 4208
Teri, J. M. 6962
Terletskiĭ, V. K. 5076
Terpó, A. 834-835, 3590
Terra, M. M. 2306, 2313, 2327, 3224, 3228
Terry, D. E. 3088
Terry-Lewandowski, V. M. 433
Terry, P. H. 1190, 7172
Terschüren, H. J. 819
Tesi, R. 412, 2140, 2641, 4311, 8786
Teskey, R. O. 6287
Testolin, R. 849, 3159, 5022, 9499
Testoni, A. 786, 821, 939, 1048-1049, 1056, 1423-1425, 5040, 5049
Tétényi, P. 6382, 7293, 8128, 8146, 8225, 8283
Tetley, R. 9508
Teusch, M. 9817
Teuvazhukov, R. A. 8670
Tewari, G. C. 1083
Tewari, J. D. 3355
Tewari, J. P. 3272, 4012, 4042
Tewari, R. P. 2569
Tezuka, N. 371
Tezuka, T. 993
Thakar, N. A. 375
Thakore, B. B. L. 973, 1412, 3623
Thakral, K. K. 2358
Thakur, D. R. 5056
Thakur, R. S. 585, 600, 604, 2011, 8229, 10017, 10037
Thal, C. 5637
Thamburaj, S. 969, 4506
Thangavelu, S. 2957
Thappa, R. K. 520
Tharib, S. M. 2470, 8180
Theander, O. 6890
Thebtaranonth, Y. 8254
Theiler, R. 9581-9582
Thellier, M. 9625
Theriault, R. 2400
Therios, I. N. 861
Theunissen, J. 4167
Thi, T. V. C. 1376
Thibault, B. 3930, 4024, 5790
Thicoipe, J.-P. 4143
Thiel, F. 2416
Thiel, P. 574
Thier, H. P. 8168
Thigpen, S. P. 420
Thimann, K. V. 3515
Thimba, D. N. 9250-9251
Thirugnanam, M. 1924
Thom, M. 5183, 5772
Thomas, C. J. R. 8866
Thomas, C. M. S. 2156
Thomas, D. W. 5615
Thomas, E. 6741
Thomas, G. 4077
Thomas, G. V. 2906
Thomas, J. C. 609, 1381, 7493
Thomas, M. 4250, 4414
Thomas, M. A. 1606
Thomas, M. B. 5406, 6222, 7124
Thomas, P. 6528
Thomas, P. A. 3518
Thomas, P. G. 8879
Thomas, R. 7395
Thomas, R. J. 7803-7804
Thomas, S. 3711
Thomas, T. H. 6158, 7469, 7885
Thomas, V. 3817
Thompson, A. 4461, 8057
Thompson, A. K. 693, 7397
Thompson, A. R. 6007, 6154
Thompson, D. C. 5250, 7780
Thompson, J. 5999
Thompson, J. D. 5455
Thompson, J. E. 4351, 5385, 8880, 9764
Thompson, J. F. 966, 1274, 1526
Thompson, M. L. 7961
Thompson, M. M. 5872
Thompson, T. E. 3177
Thompson, W. F. 4270
Thomsen, D. L. 2493, 2499
Thomson, J. D. 3540
Thomson, R. H. 1257
Thomson, W. W. 8974, 9244
Thornton, I. 8723
Thornton, I. R. 4665
Thorp, T. G. 6784
Thorpe, M. R. 8860
Thorpe, T. A. 2243
Thorsrud, J. 8507
Thresh, J. M. 5741
Thuesen, A. 6814, 8639
Thuvan Chau-Thi 3712
Tiagi, B. 999, 6995
Tian, M. S. 1838
Tian, T. F. 1921
Tianco, A. P. 6565
Tibbitts, T. W. 8791
Tiberghien, R. 8239
Tichá, M. 6067
Ticknor, R. L. 6294
Ticku, A. 6713
Tiessen, H. 2497
Tietz, D. 3379
Tigchelaar, E. C. 8721
Tikhomirov, F. K. 9447
Tikhomirov, I. A. 8514
Tikhomirova, N. T. 2878
Tikhonenko, N. P. 3190
Tikhonov, A. I. 6408, 6434
Tillequin, F. 3709
Tiller, K. G. 9333
Tillett, N. D. 928
Tillge, L. 239
Tills, A. R. 8948
Tilney-Bassett, R. A. E. 9792
Timberlake, C. F. 7684
Timmer, L. W. 2854, 2860, 9227
Timmermans, E. 6002
Timofeev, A. N. 8885
Ting, I. P. 5407
Tingey, D. T. 5823
Tio, M. 7973
Tipton, J. L. 493, 7211
Tirosh, T. 7918, 8083
Tisdell, C. A. 672
Tisserat, B. 3029, 3766, 5475, 7364
Titarenko, V. P. 7813
Titov, A. F. 1712, 2440, 5345, 7048
Tits, M. 8296
Titus, D. E. 277
Tiwari, B. K. 5178
Tiwari, J. P. 5963
Tiwari, N. C. 5365
Tiwari, S. C. 5448, 9730
Tiwari, S. K. 4288
Tixier, M. 7563
Tiyagi, S. A. 9135-9136
Tizio, R. 7716
Tjia, B. 6207, 7127
Tjia, B. O. 8002
Tjitrosomo, S. S. 1503
Tkachenko, K. G. 2738
Tkacheva, N. P. 7012
Tkacheva, N. T. 5245
Tkachuk, V. K. 4354
Tkeshelashvili, Ch. F. 10097
Tobing, E. L. 2937
Tobing, T. L. 1486, 1489, 2932
Toçe, A. 8867
Todaria, N. P. 9372
Todd, S. F. 7593
Todirash, V. A. 807
Todorov, Kh. 7672, 8705
Todorović, R. 842
Todorović, R. R. 2229, 2249
Toffin, G. 7465
Togami, M. 8966-8967, 9781
Tognoni, F. 7872
Toh, K. 6633
Tohkin, M. 9612
Toia, R. F. 5542, 5581
Toïkka, M. A. 7749
Toit, C. L. N. du 2866
Tokarcik, D. 7638
Tokeshi, H. 2984
Tokgaev, T. 4126
Toki, K. 2681
Tokuyasu, K. T. 5189
Toledo, J. 8746
Toledo, P. E. N. de 5656
Toledo, S. V. de 2923
Tolkachev, O. N. 6436, 6439
Tolley, L. C. 2527
Tollner, E. W. 859
Tolvanen, A. 3686
Toma, C. 4332
Tomana, T. 3774
Tomar, K. S. 2029
Tomás, F. 2010, 3611, 4616
Tomašković, V. 2160
Tomaszewska, B. 3363
Tomati, U. 1822
Tombesi, A. 2240, 10101
Tombolato, A. F. C. 3141, 3143-3144, 3182, 4680
Tomei, P. E. 5574
Tomescu, A. 4135
Tomesi, C. N. 5576
Tomimatsu, T. 565
Tomimori, T. 2686-2687, 2788, 4585, 6429
Tominaga, S. 6486, 7355
Tominaga, T. 10043
Tomita, Y. 1369, 2007
Tomitaka, Y. 7246
Tomkins, A. R. 7625
Tomko, J. 9999
Tommasini, A. 8212-8213
Tommasino, D. T. 5339
Tomoda, M. 593, 2101, 2502, 8154
Tomov, E. 2789
Tompsett, A. A. 4375, 4394
Tonfang Zhao 1845
Tong, Y. 9201
Tong, Y. A. 5853
Tong Yue, A. 81
Tongchairaweewat, P. 9057
Tonnelier, M. 4779
Tonnet, M. L. 2020
Tonsic, A. C. 2454
Tonutti, P. 2235, 2293
Toohill, B. L. 10151, 10161
Toop, E. 9009
Tooze, S. A. 5254
Topilina, E. A. 6679
Topoleski, L. D. 3418
Toponi, M. A. 5948
Topor, E. 5023, 7554
Toporova, M. I. 5134
Topping, A. J. 3130
Topuriya, L. R. 1399
Toraskar, M. V. 6524
Torello, W. A. 2631
Tori, M. 2804
Toriizuka, K. 3664
Torija Isasa, M. E. 409
Törökfalvy, E. 6471, 9518
Torras, G. 289
Torre, M. C. de la 4591, 9002
Torrecillas, A. 1563, 7329
Torregrossa, J. P. 5319
Torres, J. L. 4856
Torres, K. C. 7186
Torres, M. 4629
Torres O., M. 2840
Torrès, P. 3218
Torres, P. 1977
Torres, R. 6469
Torres, V. 6109
Torres, W. 10139
Torrigiani, P. 7726
Torroba, C. 4017
Tortajada, A. 3675
Tosa, H. 3664
Tosi, D. 8043
Tosi, T. 2293, 4078, 6811, 8669
Tóth, F. 9521
Toth, G. 7844
Tóth, L. 4003, 5628
Tóth, T. 4008
Totibadze, V. V. 6584
Totino, L. C. 7432
Totsuka, T. 283, 7495, 7797
Totte, J. 1991
Touche, A. 8239
Tournon, J. 5573
Tourwe, D. 3711
Tovkach, S. P. 10110
Tower, L. 489
Towers, G. H. N. 549, 4571, 4597, 5645, 8207
Toxopeus, H. 3012
Toyohara, H. 2018
Toyota, M. 2804
Trabelsi, M. 4330
Trach, V. V. 9570
Traldi, P. 1858
Tramontano, W. A. 2491, 6978
Tran, T. T. 5167
Tran Van Canh 4777
Trapaidze, M. Ya. 2871
Travers, J. N. 3933
Traversi, D. 5151
Travis, J. W. 8534
Trebst, A. 1673
Trefois, R. 4963-4964, 6742
Treichel, I. 456
Treichel, S. 8024
Trejo, C. 6052
Trelitskaya, E. V. 6583
Tremblay, N. 6128
Trenor, I. 618
Trenor Suárez de Lezo, I. 1394
Trent, W. Y. 8661
Trentini, L. 4189
Treppoz, B. 6658
Treptow, H. 3395
Tresselt, D. 4540
Treutter, D. 836, 2236, 7558
Treverrow, N. 4320
Treviño, R. 2801
Trewren, K. 3888
Trievedi, G. C. 4475
Trigo Colina, M. I. 953
Tril', V. M. 2719
Trillot, M. 5790
Tripathi, B. K. 10188
Tripathi, B. R. 5693
Tripathi, H. H. S. 3629
Tripathi, N. N. 972, 9138
Tripathi, R. D. 2755, 5563, 9138

Tripathi, S. C. 506, 1923
Tripathi, S. P. 3104, 4012, 4042
Tripathi, S. S. 6961, 7862
Tripathy, B. C. 273
Trippi, V. S. 2581
Trivedi, G. C. 4474
Trivedi, N. 10196
Trivedi, P. C. 999, 6995, 8876
Trka, A. 7276
Trochoulias, T. 7315, 7371
Trofimova, E. A. 6767
Trofimova, I. A. 7174
Tromp, J. 4935
Tronel, C. 99
Tronsma, A. 6157
Tronsmo, A. 8953
Tropea, M. 7341
Troshin, L. P. 4094
Trottin-Caudal, Y. 6659
Trought, M. C. T. 2286, 5899
Trousdale, E. K. 9566
Trouvelot, A. 9505
Trovato, A. 1333
Trpeski, V. 9492
Trudel, M. J. 5237, 6091, 6128
Truel, P. 2305, 4095, 8690
Trujillo, E. E. 3733
Trujillo, J. 9185
Trumble, J. T. 2555
Trunk, R. 2678
Trunova, T. I. 2143
Truong Van Den 3383
Trushechkin, V. G. 9896
Truter, A. B. 1588
Trzhetsinskiĭ, S. D. 5643
Tsai, D. S. 2592
Tsai, Y. 1664
Tsanava, N. G. 1409, 5779
Tsanava, V. P. 5779
Tsankova, W. 1949
Tsao, T. H. 415, 2622, 7912
Tschesche, R. 727, 1520-1521
Tsekleev, G. 6638
Tseng, C. F. 9184
Tsertsvadze, V. V. 6498
Tsibkovskaya, N. S. 9757
Tsikalas, P. E. 358
Tsikoridze, N. G. 10097
Tsimmer, E. E. 9404
Tsirakoglou, V. M. 861
Tsitsilashvili, O. K. 6835
Tsuchiya, S. 3089-3090
Tsuge, N. 9938
Tsujibo, H. 2147
Tsujita, M. J. 3701
Tsukahara, K. 2170, 2198
Tsukamoto, H. 1886
Tsukamoto, S. 1317, 9168
Tsulaya, V. I. 5672
Tsurufuji, S. 1323
Tsushida, T. 3856
Tsutsumi, Y. 6843
Tsuyuki, T. 1983, 4550
Tsydendambaev, A. D. 3439
Tu, C. C. 2495
Tuchkov, V. P. 2179
Tucker, D. P. H. 625, 2045, 4638, 5676
Tucker, G. A. 9
Tucker, S. C. 2709, 9936
Tucker, T. C. 2343
Tucker, W. G. 3459
Tucker, W. Q. J. 5994
Tudor, T. A. 9487
Tukey, H. B. Jr. 3354
Tukey, L. D. 9421
Tul'skaya, I. G. 1720
Tulupov, Yu. Ku. 5245
Tumino, G. 1332-1333, 8220
Tunc, M. 6648
Tung, M. A. 1745
Tupý, J. 6561
Tuquet, C. 9627
Turci, E. 806
Tureček, F. 9981
Turgeon, A. J. 6258
Turi, K. 7154
Turiak, G. 8128
Turk, J. R. 9469
Turner, A. K. 4843
Turner, C. P. 9016
Turner, D. L. 2633, 2635
Turner, D. W. 1454, 1460, 4684, 6521, 7311, 8373, 10117, 10122-10124
Turner, J. E. 4222
Turner, L. B. 2506
Turner, M. 8046
Turner, M. K. 6917
Turner, N. C. 5800
Turner, N. J. 1282
Turner, P. E. T. 7423
Turovskaya, L. A. 6763
Turovskaya, N. I. 7511
Turpaud, Y. 4875
Turski, R. 5410
Tusnádi, C. K. 7116, 8989
Tutgac, T. 9299
Tuti-Warsito 9217
Tuyl, J. M. van 1153, 5441, 7142, 7982, 9838
Tuzcu, Ö. 615, 2843, 4643, 6463
Twaij, H. A. A. 5593, 8206
Twokoski, T. J. 6721
Ty, P. D. 560
Tyagi, B. R. 1907
Tyagi, D. K. 7828
Tyankova, L. A. 1684
Tyler, K. B. 4172
Tyler, R. H. 77
Tyler, R. T. 8200
Tymoszuk, J. 3494
Tymoszuk, S. 4926, 9420
Tyran, I. A. 1141
Tyurina, M. M. 878
Ubiergo, G. O. 2017
Uchida, J. Y. 482, 9898
Uchida, M. 10093
Uchida, S. 3903
Uchino, A. 7157-7158
Uchino, T. 754, 1553, 2132
Uchiyama, T. 4406
Uchoa, P. De M., Jr. 903
Udalova, V. I. 3211
Udayshankar, K. 3808
Uddin, M. R. 7808
Udink ten Cate, A. J. 4854
Udovenko, G. V. 7055, 7582, 9757
Ueda, A. 2457
Ueda, J. 9692
Ueda, Y. 1461
Uemoto, S. 2681
Uemura, M. 5197
Ueno, A. 1367, 2807, 5635, 6368, 7300
Uesato, S. 488, 5567
Uexkull, H. R. von 1492
Uffelen, J. A. M. van 2340, 2415, 2418, 6088, 7771, 7859, 8838, 9680, 9690, 9732
Ughini, V. 1604, 3136, 6744
Ugolik, D. 3989
Ugolik, M. 3989
Uhendi-Haris 10184-10185
Uiso, F. C. 1281
Uitermark, C. G. T. 1765
Ujiye, T. 7350
UK, Agricultural Development and Advisory Service 4824-4828
UK, Department of Agriculture for Northern Ireland 9319
UK, East Malling Research Station 3025
UK, East of Scotland College of Agriculture 6621
UK, Farmers' Club 4346
UK, Glasshouse Crops Research Institute 3885
UK, Heather Society 737
UK, Institute of Leisure and Amenity Management 4805
UK, Lee Valley Experimental Horticulture Station 5415
UK, Ministry of Agriculture, Fisheries and Food 764, 4853
UK, National Institute of Agricultural Engineering 8459
UK, National Vegetable Research Station 3886, 6622
UK, Northern Ireland Department of Agriculture, Horticultural Centre, Loughgall 9320
UK, Processors and Growers Research Organisation 746-747
UK, Scottish Crop Research Institute 4829
UK, Sports Turf Research Institute 7457
Ukaji, T. 8204
Uknes, S. J. 4240
Ulićević, M. 6822
Ul'kina, Zh. I. 5625, 6421
Ulmer-Dufek, J. 4742
Ulrich, J. M. 2960
Ulsaker, R. 1798
Umate, M. G. 3614
Umeda, S. 19, 391
Umekawa, M. 208
Umemiya, Y. 5730
Umięcka, L. 2409
Unazhokov, B. D. 2172
United Kingdom, Processors and Growers Research Organisation 3023
Uniyal, G. C. 1904
Unnikrishnan, K. 3619, 4716
Upadhyay, S. N. 3104, 4012, 4042
Upadhyay, V. B. 271
Upadhyaya, A. 1792, 2025
Upadhyaya, J. 3771
Upham, B. L. 5979
Uprety, M. 4245
Ura, M. 387, 2148, 2543
Urbasch, I. 7871
Urdukhanov, A. S. 2252
Ureña, R. 7323, 7339
Uriu, K. 4888
Urrea F., C. A. 6959
Urrestarazu, M. 6770
Urunov, F. 4900
Uryupina, T. L. 822
USA, American Camellia Society 3871-3872
USA, American Society for Horticultural Science 4815, 6606, 9312
USA, American Society of Agricultural Engineers 44, 7458
USA, American Society of Plant Physiologists 8450
USA, California Avocado Society 2111
USA, Hawaiian Sugar Planters' Association 3887
USA, Michigan State University, Department of Horticulture 6623, 9321
USA, Ohio Agricultural Research and Development Center 9782
USA, Plant Growth Regulator Society of America 740
USA, Society of Manufacturing Engineers 7458
USA, Southern Weed Science Society 2120
USA, Virginia Cooperative Extension Service 448-449, 452, 7087
Uscanga B., M. 5917-5918
Usharani, P. 5189
Ushiyama, K. 623, 5621
Ussahatanonta, S. 71
Ustinov, I. D. 401
Ustinova, A. F. 401
Uta, T. 431
Uthamasamy, S. 7827
Utikar, P. G. 2503, 4296
Utulu, S. N. 4754
Uusi-Rauva, A. 7874
Uwano, S. 5980
Uzawa, J. 2794
Uzo, J. O. 367
Uzun, G. 487
Vacante, V. 3068
Vachnadze, V. Yu. 6447
Vachůn, Z. 6736
Vacková, K. 4153
Vaerman, A. M. 4464
Vaida, F. 534
Vail, S. S. 5331
Vaillant, I. 9987
Vaillant, V. 4946
Vajna, L. 8444
Vakhidov, A. 3981
Vaklinova, S. 329
Vakulina, O. P. 8169
Val, J. 6668
Valachovič, A. 4129
Valadez, J. M. 3507
Valat, C. 7666
Valdes, L. J., III 6427
Valdés, P. 10210
Valdés Saez, M. A. 8851
Valdes, V. M. 4161
Valdés Valdés, J. 8851
Valdéz Verduzco, J. 7390
Valeev, R. B. 6438
Valenti, V. 5257
Valentini, L. 8855
Valenzuela, J. G. 5659
Valenzuela-Zapata, A. G. 2816
Válka, I. 1327
Vallania, R. 7658
Valle, N. del 6469, 9236, 10060
Valls, R. 4549
Valpuesta, K. 6135
Valsalakumari, P. K. 4700
Valsø, S. 8798
Valueva, T. A. 1046
Vályi, I. 799
Vamosy, M. L. 9610
Vampa, G. 1266
Van Assche, F. 9706
Van Bastelaere, H. 8808
Van de Steene, L. 6923
Van de Sype, H. 5762
Van de Veire, M. 2537
Van de Vrie, M. 8972
Van der Staaij, M. 8897
Van Ee, G. R. 52, 279, 4836
Van Frankenhuyzen, A. 9073
Van Gundy, S. D. 2862
Van Himme, M. 265, 1017, 4912, 5213, 5240, 5374, 7701, 7730, 7743, 7751, 7799, 7879
Van Holst, G. J. 8858
Van Hoof, R. 9707
Van Lieburg, M. J. 8897
Van Rensen, J. J. S. 330, 333
Van Waes, J. M. 5474
Vanachter, A. 6002
Vanangamudi, K. 4551
Vandeputte, R. 7687
Vanderbruggen, M. 5914
Vandercook, C. E. 3029, 5475
Vanderveer, P. J. 7102
Váněk, T. 1999
Vanhaelen-Fastré, R. 588, 2790, 5627
Vanhaelen, M. 588, 2790, 5627
Vanialingam, T. 7401
Vanichenko, Z. Ya. 7648
Vaňková, J. 7539
Vanli, H. 9299
Vanneste, C. 6194
Vannucci, D. 196
Vanparys, L. 7746, 8454
Vansuyt, G. 9689
Vantour, A. 10074
Vanwagenen, B. C. 5613
Vanwezer, J. 2682, 9062
Vaquette, J. 1379, 4537
Varachaud, G. 5090
Varanini, Z. 190

Vardukadze, D. A. 10218
Varga, E. 8282, 9139
Varga, I. 6652
Varga, I. L. 7654
Vargas, M. A. 228, 8776
Vargas Prieto, A. 7070
Vargas, R. 6036
Varghese, S. S. 4787, 8420
Varkey, P. A. 4769
Várnai, M. 4116, 4119
Varshanidze, N. I. 9089
Varshney, I. P. 3708, 3729
Varshney, R. 9194
Vartak, V. D. 4552
Vartapetian, B. B. 1585
Vartapetian, V. V. 1585
Varvaryuk, P. S. 9957
Vasconcellos, F. T. C. de 1397
Vasconcellos, L. A. B. C. de 1397
Vasets'kiĭ, V. F. 5177
Vasetskiĭ, V. F. 7704
Vashishta, B. B. 7443
Vashishtha, B. B. 7363
Vasil, I. K. 703
Vasilakakis, M. 856
Vasilakakis, M. D. 1603, 9508
Vasil'chenko, E. A. 5579
Vasilenko, L. M. 9248
Vasilev, G. 3249
Vasil'eva, L. N. 5579
Vásquez Navarro, G. 7070
Vasseur, J. 5199, 5984
Vasudeva, N. 680, 2913, 2922, 2925, 3801, 3806
Vasyuta, V. M. 6683
Vataker, T. 8478
Vaughan, J. G. 8033, 9872
Vaughan, R. L. 35
Vaux, H. J., Jr. 8789
Vavasseur, A. 307-308, 422
Vaverková, Š. 8138
Vaysse, P. 6810, 7464
Vaz, R. L. 2256
Vázquez, A. 9481
Vázquez-Bueno, P. 1287
Vazquez, M. Nunez 3752
Vázquez Navarro, G. 7026
Vázquez, P. 5648
Vazquez-Salinas, C. 9274
Veelen, I. M. S.-van 7840
Veen, B. W. 275
Veen, H. 7898
Veerappa, D. B. 3398
Veeraraghavaiah, R. 4290
Veeresh, G. K. 716, 6099
Vega, M. A. 6964
Vegera, A. A. 4943
Veldenberg, A. 74, 9396
Veierskov, B. 2483, 9922
Veiga, A. A. 686
Veiga, A. de A. 4046, 4206
Veilleux, R. E. 432, 9004-9005
Veire, M. van de 2537
Veitch, G. B. A. 2470, 8180
Veith, H. J. 4415, 6409
Velasco, V. 997
Velayutham, B. 4686
Velayutham, R. 4291
Velazco Nuñez, F. 5702
Velázquez, B. 4745
Velde, G. van der 8017
Vele, J. 2220
Veleiro, A. S. 561, 1293
Veličković, M. 3976, 9397
Velkov, L. 3173
Velonjara, M. J. 1512
Velosa, M. 3920
Veluthambi, K. 3449
Venegas, A. 3998
Venezuela, Fundación Servicio para el Agricultor 1704, 5671, 6951
Vengerovskiĭ, A. I. 8126
Venis, M. 1528
Venis, M. A. 7546
Venkataramanan, D. 680, 3806, 4735
Venkatasubbaiah, P. 2924, 9269-9270
Venkateswarlu, G. 4656
Venter, H. A. van de 9855
Vento, O. 5663
Verano Huerta, B. 701
Verbeke, J. A. 1310
Verbelen, J.-P. 299, 5276
Verbruggen, J. 974
Vercesi, A. 5938, 8710
Vercruysse, A. A. 569
Verde S., J. 2801
Verderevskaja, T. D. 4041, 6681
Verderevskaya, T. D. 4041, 6681
Verdonck, O. 358, 2666, 4421, 8971
Vereš, A. 4129, 5106
Vereshchagina, V. V. 3107
Vereskovskiĭ, V. V. 5909
Vergari, B. 1822
Verghese, J. 8178
Vergnès, A. 8690
Verheij, E. W. M. 783, 7379
Verleur, J. D. 7981
Verlinden, A. 8675, 9558-9559
Verlodt, H. 365, 3057-3058
Verma, B. P. 9517
Verma, B. S. 4503
Verma, D. L. 7305
Verma, H. N. 548
Verma, K. K. 4503
Verma, K. S. 3841
Verma, P. K. 511
Verma, R. K. 9167
Verma, R. S. 10192
Verma, S. 6924, 7006
Verma, S. S. 3841, 6566, 10189
Verma, T. D. 1041
Vermes, L. 8482
Vernet, S. 1654
Vernieri, P. 9464
Vernin, G. 7699
Vernon, R. S. 1723, 3456
Vernou, P. de 2935, 4779
Verotta, L. 527, 2894, 5725
Verpoorte, R. 571, 1371, 3716, 4590, 5638, 6377, 8298, 9989
Verri, A. R. 6567
Verstraeten, R. 5993
Vertucci, C. W. 4261
Veruggio, R. 1227
Verwaaijen, P. W. T. 9359
Verzár-Petri, G. 9128
Verzárné Petri, G. 7277
Verzea, M. 1259
Veschambre, D. 7464
Vesseur, W. 2221
Vestrheim, S. 1607, 3991
Vethaviyasar, N. 3693
Vezekényi, E. 6846
Věžník, F. 1954
Viale, A. A. 5576
Vicente, S. 2744
Vickers, R. A. 846
Victoria Filho, R. 2455, 2966-2967
Victoria, R. L. 3840
Victoria S., M. A. 3776
Vidal, A. 9288
Vidal, I. 3998
Vidal, J. 4414
Vidal, M. R. 5181, 7711
Vidales Fernández, J. A. 6472
Vidalie, H. 1771, 8067
Vidano, C. 7208
Vidhyasekaran, P. 8935
Vidojević, R. V. 3966
Vidya Sagar Singh 1142
Vidyachandra, B. 3783
Vidyadharan, K. K. 4700
Vieira, C. 6953, 9696
Vieira, D. B. 7327
Vieitez, A. M. 102, 3574, 4440
Vieitez, E. 102, 3574, 6745
Vieitez, M. L. 4440
Viel, C. 7271
Viémont, J. D. 2683, 5489-5491, 8064
Vieri, M. 196
Vieth, J. 2397
Vigerust, E. 3314
Vigh, L. 8879
Vigier, B. 2396
Vigl, J. 2183, 9444
Vigliocco, R. 4997
Vigodsky-Haas, H. 2624
Vijay Singh 4710
Vijayakumar, M. 4692, 4709
Vijayakumar, N. 4468
Vijayan, K. P. 2928
Vijayaraghavan, H. 4731
Vik, J. 3273, 8747
Viladomat, F. 1285, 8163
Vilas, E. P. 1646
Vilasachandran, T. 655
Viljoen, H. M. 1617
Villa, R. 758, 3038
Villacorta, A. 683
Villalobos A., V. M. 7099
Villalon, B. 8895
Villanueva, V. R. 1959
Villar, A. 1998, 2805, 3643, 5632-5633, 7299, 8276, 8292
Villar, S. I. 1930
Villaseca C., S. 5115
Villemur, P. 9457
Villeneuve, F. 2167, 3084, 6714, 6792
Villiers, E. A. de 1617, 2866
Villiers, O. T. de 5048
Vimal, O. P. 1071
Viñals, N. 289
Vinay Singh 5693
Vince-Prue, D. 9806
Vincent, C. 3880, 7628
Vincent, G. 4927
Vinha, S. G. da 2903
Vinkler, C. 8881
Vinogradov, B. A. 2023
Vinogradova, V. V. 6012
Vinten, A. 7020
Vinterhalter, D. 842
Violon, C. J. I. 569
Viqueira, L. 10204
Vir, D. 199, 7252, 7398
Virányi, F. 8445
Viricel, M. R. 3718
Virville, J. D. de 4328
Visai, C. 5003
Vischi, M. 3159
Vishveshwara, S. 3800
Vishwapaul 1810
Visquert, J. 1501
Visscher, H. R. 8965
Visser, A. J. de 2341, 6851
Visser, J. 803, 1571
Visser, R. de 3378
Vita, G. 5942, 6506
Vitagliano, C. 849, 3159, 5022, 9499
Vitale, A. 2471
Vitanova, I. 1620
Vitkovskiĭ, V. L. 3011, 6762, 8613, 9386
Vitolo, D. B. 5212
Vitošević, I. 1649
Vitre, A. 1084
Vitseva, O. I. 2372
Vittum, P. J. 3553-3554
Vivar, A. R. de 9196
Vize, P. D. 3524
Vizzotto, V. J. 3288, 9767
Vlădoianu, E. 3220
Vlahos, J. C. 3537-3538
Vlandas, S. 9376
Vlas, V. 531-532, 534-535, 537
Vliet, C. van 7137
Vlietinck, A. J. 1991
Vlok, J. H. J. 4426
Vlugt, J. L. F. van der 8843
Vogel, H. J. 4832
Vogel, K. 929
Vogel, R. 4620
Vogel, U. 7482
Vogelezang, J. 9809
Vogl, M. 3120
Vogt, A. 785
Vohora, S. B. 1066
Voian, I. 6956
Voigt, G. 574
Voigtländer, G. 3545
Voirin, B. 3660, 3718, 4595
Vokou, D. 9133
Volchanskaya, O. 5905
Volf, M. 1766
Volin, R. B. 4308
Vol'khina, N. Ya. 8889
Volkmann, D. 7754
Volkova, L. I. 4871
Volkova, R. I. 2523
Volkova, T. I. 6800
Voller, C. P. 1588
Vollmar, A. 3681
Volodin, V. I. 8885
Volz, R. K. 6704
Von Arb, C. 1044
Vondrovský, V. 5977
Vonk, C. R. 4391
Voogt, W. 350, 414, 5961
Vooren, J. van de 2421-2422
Vora, A. B. 5534
Vorobeĭ, Z. S. 9406
Vorob'ev, V. F. 9400
Vorob'eva, A. F. 901
Vorob'eva, L. G. 9906
Vorob'eva, L. V. 9865
Voronin, E. I. 4878
Voronina, E. P. 8135
Voronina, M. V. 7846
Voronova, O. G. 7565, 8345
Vörös, J. 8443
Vorsa, N. 1628
Vorster, P. 9807
Vos, G. 8086
Vos, L. J. de 8772
Vos, M. P. de 4402
Vose, P. B. 3840
Vostrowsky, O. 1908
Voth, R. D. 2632
Votický, Z. 7304
Votruba, R. 1766, 1872
Voudouris, E. C. 5634
Voyiatzis, D. G. 10103
Vozna, L. I. 1185
Vredenberg, W. J. 9045
Vrie, M. van de 8972
Vries, D. O. de 7202
Vries, D. P. de 4454
Vronka, A. 7025
Vshivkova, G. F. 841
Vu, J. C. V. 5703
Vujanić-Varga, D. 2253
Vujičić, R. 5145
Vukićević, V. 8579
Vuković, L. 2149
Vulsteke, G. 1096, 4343, 6073, 7744
Vuuren, S. P. van 2833
Vyas, D. L. 7362
Vyas, S. C. 4250
Vysochin, V. G. 5245
Vysotskiĭ, V. A. 750, 1600
Vysotskiĭ, V. V. 4305
Waage, S. K. 10046
Waaijenberg, D. 3050
Wachtel, E. J. 8093
Wackwitz, J. 7692-7693
Wacquant, C. 1069, 2515, 7860
Wacquant, J. P. 7336-7337
Wada, H. 2657
Wada, K. 1934, 4268, 6355, 7760
Wada, M. 9871
Wada, R. 1934
Waddill, V. H. 7044
Wadhwa, V. 9972
Waele, N. de 365
Waelti, H. 95
Waes, J. M. Van 5474, 8052
Waes, J. Van 7126
Wafai, B. A. 57, 3931
Wagatsuma, T. 5819
Wagenen, B. Van 2752
Wagenet, R. J. 7796
Wagenpfeil, D. 7719
Wagenvoort, W. A. 3455
Wagh, A. N. 2083

Waghmare, P. R. 699
Wagner, H. 1322, 1982, 2014, 3681, 6276, 8195, 8217, 8308, 9966
Wagner, K. G. 2781-2782
Wagner, R. 8690
Wagner, T. L. 9687
Wahab, M. N. J. 9699
Wahab, S. M. A. 1994
Wahi, S. D. 436
Wahi, S. P. 9979, 10024
Wahid, A. 6984
Wahid, M. B. 1493
Wahid, P. A. 2907
Wahyudi 2002
Waibel, R. 566, 8273
Wainwright, H. 2278, 6931, 7593, 7864
Waisel, Y. 240
Waister, P. D. 7606
Waithaka, K. 888, 1165, 1514, 2289, 3541
Wajih, I. 7430
Wakhlu, A. K. 5420
Wakimoto, K. 2529-2531
Waks, J. 8343
Waldner, W. 809
Wale, S. J. 3517
Walia, A. S. 312
Walingen, M. 2627
Walker, D. A. 1678, 4218, 8774
Walker, D. B. 640, 1310, 2875
Walker, K. 2402
Walker, K. A. 3030
Walker, M. A. 6630
Walker, P. N. 3906
Walker, R. R. 6471, 9518, 10077
Walker-Simmons, M. 5348
Walkey, D. G. A. 238
Wall, D. A. 8127
Wall, M. E. 3710
Wallace, A. 9368, 9739-9742, 9748-9750, 9789
Wallace, B. J. 9059
Wallace, G. A. 9368, 9739-9741, 9750, 9789
Waller, D. P. 10015
Waller, G. R. 685, 5747
Waller, J. E. 7588
Wallin, A. 2169
Walser, R. H. 1792, 7090, 9434, 9704, 9752
Walsh, C. S. 8634, 8661
Walter, E. 5956
Walter, M. H. 1252
Walter, R. H. 5161
Walterová, D. 1327
Walters, S. M. 4802, 5796
Walther, F. 1769, 5509
Waltmann, B. C. H. 8095
Walton, L. R. 150
Walton, N. J. 3457
Wambeke, E. van 6002
Wample, R. L. 5555, 6826, 8079
Wan, B. 6330
Wancsucha, G. 5847
Wanderley, L. J. da G. 940
Wandji, J. 1964, 4565
Wang, B. M. 6678
Wang, C. L. 6341
Wang, C. M. 7109, 7195
Wang, C. Q. 9117
Wang, C. Y. 122, 992
Wang, D. 9733
Wang, F. H. 1838
Wang, F. P. 1932
Wang, F. X. 1838, 3576
Wang, G. 4675
Wang, J. T. 1508
Wang, K. G. 2064
Wang, L. H. 415
Wang, P. F. 3853
Wang, Q. 3759
Wang, R. J. 3745
Wang, S. H. L. 3261
Wang, S. Q. 6696
Wang, S. Y. 86, 812, 3105, 3114, 6694, 6720
Wang, T. 1854
Wang, T. L. 1854
Wang, W. 490
Wang, X. C. 5802
Wang, X. F. 1989
Wang, X. J. 5449, 9022
Wang Xian-Kai 1845
Wang, Y. 1917
Wang, Y. H. 4604
Wang, Y. L. 1648
Wang, Y. M. 714
Wang, Y. T. 6241, 9018, 9840
Wang, Y. Y. 8829
Wang, Y. Z. 3229
Wang, Z. 9733
Wang, Z. Q. 9285
Wangchareontrakul, S. 10047
Wani, M. C. 3710
Wanner, G. 5587
Waraitch, K. S. 5771, 6568
Ward, C. M. 238
Ward, G. T. 3044
Wardani, S. 9264
Wardowski, W. F. 6489
Warholic, D. T. 5967
Warhurst, D. C. 1289
Warman, P. R. 5908
Warman, T. M. 5855
Warmbrodt, R. D. 2437
Warmenhoven, M. 5504
Warmund, M. R. 6824, 9556
Warner, J. 3960
Warren Wilson, J. 5418, 5994
Warren Wilson, P. M. 5418
Warrington, I. J. 2322, 6783
Warrington, P. J. 2551
Warthen, J. D. 3491
Warthen, J. D., Jr. 546
Washino, T. 7255
Wasif, M. M. 6588
Wat, K. H. 1342
Watabe, N. 2996
Watada, A. E. 4299, 5167
Watanabe, A. 5775
Watanabe, H. 8265
Watanabe, I. 5777-5778, 5817, 6649, 7488
Watanabe, J. 2057-2058
Watanabe, K. 1778, 8265
Watanabe, M. 1323, 6355
Watanabe, R. 9191
Watanabe, Y. 371, 5888, 8264, 9825
Waterman, P. G. 1302, 1378, 5615
Waters, G. J. 7221
Waters, W. E. 2393, 2510, 2598, 8891
Watkins, S. F. 611
Watson, B. J. 10154
Watson, C. 7110
Watson, D. G. 4496
Watson, J. P. 5923-5924, 7660-7661
Watson, K. A. 5130
Watson, N. 8928
Watson, W. H. 3690
Watt, W. M. 9047
Watten, B. J. 5335
Watts, J. E. 5048
Watts, M. 9772
Watts, M. J. 1749
Wauters, J.-N. 1974
Wavhal, K. N. 7444
Wawrik, H. 2108
Waxman, S. 7108
Webb, C. J. 1238
Webb, D. A. 4802, 5796
Webb, J. 296
Webb, J. A. 8845
Webb, R. E. 3491
Weber, D. J. 2025, 10044
Weber, E. 1015
Weber, H. 6558, 6560
Weber, J. F. 8260
Weberling, F. 606
Webster, A. D. 4925, 6758, 9525
Webster, D. H. 1572, 9470
Webster, H. K. 9984
Weeden, N. F. 1816
Weerd, B. van de 952
Weerden, I. N. van 571, 9989
Weges, R. 5404
Węglarz, Z. 4509-4510
Wegner, J. 2576
Wehner, T. C. 8846
Wehrli, S. 1953
Wehrmann, J. 3298, 6888
Wehunt, E. J. 105
Wei, A. F. 7865
Wei, M. 4604, 4675
Wei, R. F. 1989
Wei, R. X. 2779
Weichold, R. 5233
Weidman, R. W. 4970, 7645
Weijden, J. A. v. d. 9835
Weijden, J. A. van der 9836
Weiler, E. W. 7467
Weiler, T. C. 7129, 7192
Weimann, G. 3055-3056
Weiming, C. 8272
Weinbaum, S. A. 4888, 5831
Weindlmayr, J. 2183
Weinstock, R. 1077
Weir, R. G. 4105
Weires, R. W. 2185, 3109
Weis, G. B. 3545
Weis, K. G. 9388
Weis, S. A. 3127, 9472
Weiser, C. J. 6301
Weissenböck, G. 6062
Weitz, C. 2442
Weitzman, P. D. J. 8945
Welander, M. 2169, 2282
Welander, N. T. 2656
Welch, D. 4805
Welch, K. E. 5431
Welch, N. C. 147, 4172
Welgemoed, C. 8350
Welihinda, J. 1284
Welker, E. 9084
Welker, W. V. 1628
Weller, S. C. 474, 7643
Welles, G. W. H. 5992
Wellings, S. R. 5770
Wellmann, E. 6053
Wells, B. H. 7670
Wells, D. W. 9063
Wells, J. M. 6840
Wells, O. S. 1536
Welte, M. 4890
Welvaert, W. 6011, 6170
Wen, H. C. 689
Wen, L. 8272
Wendisch, D. 1299, 7308
Wendt, G. W. 9890
Werawattanametin, K. 10038
Werken, H. van de 8060
Werker, E. 9954
Werner, A. 8172
Werner, D. J. 1610, 3113, 6719
Werner, K. 3258
Werner, M. 949
Werner, R. M. 333
Werner-Washburne, M. 5300
Wertheim, S. J. 114, 1559-1560, 4907, 9413
Werum, H. 5355
Weryszko, E. 5382
Wesely, R. W. 454
Wessel, M. 3012
Wessels, E. 872
West, D. W. 8316
West, S. H. 2510
Westerhof, J. 1789, 3561, 9879
Westerhof, J. C. 9878
Westerlaken, J. 1559, 1576
Westesen, G. 4227
Westgate, G. R. 5815
Westhuizen, A. J. M. van der 1588
Weston, L. A. 8914
Westphal, E. 6165
Wetzstein, H. Y. 3180, 7218
Whalen, C. 227
Whalley, D. 9334
Whatley, F. R. 3458, 4338
Whatley, J. M. 1877
Wheaton, T. A. 2040
Wheeler, W. B. 5224
Whiley, A. W. 2834, 7310, 10150
Whistler, W. A. 9112
Whitcomb, C. E. 1876, 4467, 5530, 7183, 7225, 7471
White, A. H. 2777
White, A. W., Jr. 5058
White, G. C. 5832
White, J. 6280
White, J. G. 4786
White, J. W. 760, 8986
White, P. F. 3008
White, V. 4062
Whitecross, M. I. 3912
Whitehead, D. L. 736
Whitehouse, D. L. 6287
Whiteside, J. O. 6475
Whitmarsh, J. 210
Whitmoyer, R. E. 9381
Whitney, J. D. 1432, 2040, 2048
Whitsell, R. H. 2831
Whittaker, A. D. 2542
Wiart, J. 7465
Wiberg, L. 9066
Wichers, H. J. 3893
Wichtl, M. 8173, 8249
Wichtrei, M. 757
Wick, S. M. 6875
Wicks, T. 3245-3246
Wickson, R. J. 9516
Widholm, J. M. 4340
Widmann, L. 2163, 2182, 2199-2201
Widmer, A. 61
Widmer, R. E. 5399
Wiebe, H. J. 1692, 7741
Wiebes, J. T. 5873
Wiedenfeld, R. P. 1193, 6918, 6992
Wiedenhoff, H. 1545, 1561, 1577, 2219
Wiegand, C. L. 4637
Wiemken, A. 7707
Wien, H. C. 9663
Wieneke, J. 3118
Wierenga, P. J. 5310
Wierer, M. 9966
Wiermann, R. 3139
Wiesendanger, R. 5347
Wieser, U. 7707
Wiesner, I. 4516
Wietsma, W. A. 444, 8748
Wigström, P. 761
Wijk, C. van 2392, 9639, 9659
Wijnsma, R. 571, 4590, 5638, 6377, 9989
Wijsman, H. J. W. 4357, 5402
Wiktorowicz, M. 9504
Wilbert, S. 4775
Wilcox, G. E. 3434, 3438, 5246-5247, 8833-8836
Wilcox, M. 1128
Wild, G. C. 1664
Wilding, K. 4520
Wilding, S. J. 1016, 5275, 8852
Wildung, D. K. 7636, 8616, 8643
Wilfret, G. J. 3580, 7129, 7138
Wilhite, H. S. 2863
Wilke, I. 5414
Wilken, P. A. 5416
Wilkie, J. S. 7253
Wilkins, H. F. 483-484, 7923, 9019
Wilkinson, R. E. 8548
Wiłkomirski, B. 1790
Wilkońska, A. 4350
Will, A. A. 428-429
Will, A. A., Jr. 2673
Will, H. 6172
Willard, J. J. 6137
Willcox, M. E. 10176
Willemse, M. T. M. 2660
Willenbrink, J. 2370
Williams, B. J. 2505
Williams, C. A. 9785
Williams, D. W. 5147-5148

Williams, E. G. 1864, 2692, 5499, 8054
Williams, G. 7445
Williams, J. C. 462, 5379
Williams, J. D. 7471
Williams, J. M. 1632, 8680
Williams, L. E. 3248, 5147-5148
Williams, M. W. 854, 5859
Williams, P. C. 6076
Williams, P. J. 5152
Williams, R. R. 2178, 4457
Williams, W. 42
Williams, W. P. 8879
Williamson, A. P. 3012
Williamson, B. 3196
Williamson, E. M. 8158
Williamson, J. G. 3158, 9491, 9497
Williamson, R. E. 5000, 8734
Willits, D. H. 7052
Willmer, C. M. 6060
Willms, I. 3299
Willoughby, B. E. 7626
Wills, R. B. H. 4668, 5826
Willson, H. R. 9663
Willuhn, G. 1299
Willumsen, J. 9076
Wilson, B. 5152
Wilson, C. L. 5623
Wilson, D. O., Jr. 7473
Wilson, D. R. 9356
Wilson, G. C. S. 1076, 8926, 9747
Wilson, G. F. 1530, 10120
Wilson, J. H. 2981
Wilson, J. M. 753
Wilson, J. W. 2385, 5418, 5994
Wilson, K. J. 8186
Wilson, L. T. 2315
Wilson, M. A. 1828
Wilson, M. F. 119, 5044
Wilson, M. R. 3793, 8383
Wilson, P. M. W. 5418
Wilson, P. W. 9486
Wilson, R. L. 7875
Wilson, W. C. 2059, 7344
Wiltbank, W. J. 6675
Wimalasiri, P. 5826
Winarno, F. G. 2077
Winarno, H. 4723
Wind, R. 2325
Windrich, W. A. 3531
Wink, M. 9968
Winkels, H. 1540
Winkler, C. 8173
Winkler, H. 5847-5848
Winnacker, E. L. 9933
Winsor, G. W. 203, 266, 8837
Winston, E. C. 3798, 10154, 10158, 10163, 10166
Winter, F. 4890, 5846
Winter, J. A. T. de 1167, 5453
Winter, K. 8027, 9044
Winterhalter, P. 7413
Wiriyachitra, P. 1325, 8254
Wirth, E. 4152
Wiseman, J. S. 4171
Wiskich, J. T. 7715
Wiśniewska, H. 368
Wisniewski, A. 4617
Wisniewski, M. 9912
Wisniewski, M. E. 2245
Wit, A. K. H. 7896
Withers, A. C. 377
Withers, L. A. 4838
Witherspoon, W. R. 9929
Witt, H. H. 1224, 1237, 7184
Wittboldt-Müller, K. 1214
Witte, Y. de 8095-8096
Wodicka, B. 4224
Wojciechowska, W. 7812
Wojciechowski, Z. A. 2728
Wójcik-Wojtkowiak, D. 2419-2420, 3423
Wojtasiewicz, K. 9861
Wojtaszek, T. 8790
Woldendorp, J. 8769
Wolf, R. 3124
Wolf, R. B. 6335
Wolf, S. D. 7678
Wolfe, D. 6796
Wolfe, R. R. 392, 1091, 6145
Wolfe, W. 4090
Wolff, D. W. 9004-9005
Wolfram, H. 3254
Wollenweber, E. 1984
Wollin, A. S. 4874, 5153
Wolnik, K. A. 3266
Wolpert, J. A. 1642-1643
Wolstenholme, B. N. 7317-7318
Wolswinkel, P. 767, 6066
Wolterbeek, H. T. 2540, 4327, 8940
Woltering, E. J. 4355, 7903, 7911, 8089
Wolters, B. 9195
Wolverton, B. C. 9873
Wondergem, P. 9959-9960
Wong, A. 1342
Wong, B. F. 7407
Wong, J. Y. Nishio- 4652
Wong, L. J. 9218
Wong, L. S. 10173
Wong, M. H. 2408, 3320
Wong, O. C. 4221
Wong, S. M. 2618, 6410, 10008, 10015
Wong, S. Y. 7361, 7562, 7572
Wong, W. 5631
Wong, W. C. 3320, 9257
Wong, Y. S. 1709-1710
Wongpanich, V. 562
Woo, J. G. 1698-1699, 5210
Woo, K. C. 4154
Wood, B. J. 696, 3828, 5754, 7418
Wood, B. W. 4034, 5058, 5062, 7576, 8609, 8612, 9515
Wood, D. A. 3008
Wood, F. H. 3198-3199, 3202, 4066, 8688
Wood, G. A. R. 3012, 7399
Wood, G. W. 7627
Wood, H. P. 7190
Wood, J. S. 6284
Wood, R. J. 5239
Wood, S. M. N. 7222
Woodford, J. A. T. 6790
Woods, P. J. B. 9917
Woodson, W. R. 1888, 2653
Woolcock, L. T. 6903
Woolhouse, A. R. 9856
Woolhouse, H. W. 6605
Workman, P. 1092, 8055
Workman, P. J. 2300
Worraker, E. H. 790
Worrall, R. 1851, 9035
Wörth, J. 8273
Worthington, J. W. 109
Wouwe, M. van 6002
Wray, V. 223, 3139, 3707, 9970
Wright, C. J. 7606, 7713-7714
Wright, C. P. M. 453
Wright, R. M. 10152, 10159, 10166
Wrigley, J. W. 4830
Wróbel, J. T. 9861
Wróblewska, C. 4398
Wrolstad, R. E. 5075, 5083, 7653
Wrona, A. F. 2532-2533
Wu, C. M. 6168
Wu, C. S. 1917
Wu, C. X. 7079
Wu, C. Y. 6407
Wu, F.-S. 425
Wu, F. S. 1785
Wu, F. W. 7285
Wu, H. 8868
Wu, J.-B. 1950
Wu, J. F. 9892
Wu, J. R. 7865
Wu, L. 1246
Wu, L. J. 1367, 2807, 5635, 7300
Wu, L. Z. 1989
Wu, Q. 439
Wu, R. S. 4195
Wu, R.-Y. 3694, 3698
Wu, S. C. 781
Wu, T.-S. 1341, 1965
Wu, X. 2536, 4569
Wu Xianrong 9456
Wu, Y. 3661
Wudiri, B. B. 4331
Wullschleger, S. D. 7468
Wulster, G. J. 4446, 7136, 9020-9021
Wunderer, W. 1645, 5104
Wurr, D. C. E. 961, 968, 3313, 7735-7736
Wurster, R. T. 2335
Wurtele, E. S. 41, 9932
Wutscher, H. K. 6470, 9229
Wybourne, L. 5894
Wydrzynski, T. 327
Wylegalla, C. 2782
Wyler, H. 9626
Wyneken H., L. 4293
Wyse, R. E. 9772
Wysoki, M. 6504, 7490, 10053
Xaasan, C. C. 599
Xaotain, L. 8272
Xena de Enrech, N. 8102
Xi, Z. B. 1700
Xia, M. Z. 5280
Xia, Z. L. 2012
Xiang, R. 639
Xiao, C. M. 463
Xiao, P. 7265, 9201
Xiao, Z. P. 6341
Xie, C. 1434
Xie, D. 639
Xiloyannis, C. 2247, 2321, 2893, 4992, 5008
Xing, Y. 9500
Xiroychakis, S. S. 3734
Xodo, E. 8779
Xu, B. M. 3496
Xu, C. K. 1565
Xu, D. P. 7821
Xu, E. 639
Xu, F. 949
Xu, G. Y. 8194
Xu, L. 6359
Xu, L. Y. 1726
Xu, Q. 9166
Xu, R. J. 1590
Xu, R. S. 1989
Xu, R. Y. 2064
Xu, S. 8991
Xu, S. Y. 4000
Xu, T. Y. 1797
Xu, X. 653
Xu, Y. B. 9025
Xue, H. 1335
Xue, J. F. 2060
Xue, Z. 3661
Xung, L. Z. 4599
Yaacob, O. 4704-4705, 7407
Yaama, A. 127
Yaama, E. 127
Yablonskiĭ, E. A. 4010, 6738, 8557
Yabuya, T. 4387, 5439
Yadav, A. C. 2359
Yadav, D. K. 6309
Yadav, G. R. 3771
Yadav, K. 712
Yadav, L. P. 3542
Yadav, R. L. 514, 587, 706, 5541, 10192
Yadav, S. 1915
Yadav, S. P. 7694
Yadava, C. P. S. 8121
Yadava, R. B. R. 4245
Yadava, U. L. 105
Yadaw, S. S. 4749
Yadgar, M. F. 342
Yadomae, T. 2787, 6169, 8963
Yadrov, A. A. 1564, 3927
Yagi, A. 9977
Yagi, F. 3560
Yago, M. 4662
Yagodeen, B. A. 6973
Yagudaev, M. R. 6406, 8183-8184
Yahara, S. 1366
Yajima, I. 4203
Yakimenko, L. N. 5232, 6933, 7767
Yakovleva, L. V. 4040
Yakovleva, V. A. 791
Yakushkina, N. I. 297, 1001
Yalpani, N. 3349
Yamada, H. 7722
Yamada, K. 3691
Yamada, M. M. 9263
Yamada, N. 1708
Yamada, S. 6282
Yamada, T. 1337, 4569
Yamada, Y. 1670, 2529-2531, 4318, 4596, 5626, 8250, 8252, 9240, 9373, 9756
Yamagishi, K. 8775
Yamagishi, T. 556
Yamaguchi, A. 2154
Yamaguchi, F. M. 3421
Yamaguchi, J. 7784
Yamaguchi, M. A. 7917
Yamaguchi, S. 1865, 5495, 5631
Yamahara, J. 565, 577, 2769
Yamakawa, Y. 8694
Yamamoto, H. 4585, 9281
Yamamoto, K. T. 5294-5295
Yamamoto, M. 5888, 9938
Yamamoto, O. 5626
Yamamoto, T. 1290, 3658, 4584, 8179, 8278, 8287, 8303, 8305, 9996
Yamamoto, Y. 4596
Yamamura, H. 8716
Yamamura, Y. 2003
Yamamuro, K. 8907
Yamanoha, B. 256
Yamasaki, K. 8433, 9151
Yamasaki, M. 1366, 2769
Yamasaki, R. B. 5559
Yamasaki, Y. 4339, 9769
Yamashiro, T. 6543
Yamashita, M. 5780
Yamashita, N. 8775
Yamashita, R. 1518
Yamashita, S. 8551
Yamashita, Y. 2680, 3601
Yamauchi, M. 9756
Yamauchi, N. 9638
Yamauchi, T. 2765, 8941
Yamaya, T. 5293
Yamazaki, K. 2680
Yamazawa, H. 3658, 8179, 8278
Yamdagni, R. 7343
Yan, M. H. 4599, 6449
Yan, M. Q. 4604
Yan, S. C. 1290
Yan, T. J. 1622
Yan, Z. X. 7865
Yanagida, M. 9609
Yanai, T. 4203
Yanes, Kh. 125-126
Yañez, P. 1026
Yang, B. Q. 6341
Yang, C. D. 1591
Yang, C. H. 4174
Yang, C. R. 3700
Yang, H. Y. 5803
Yang, J. H. 3842
Yang, J. S. 3229
Yang, M. S. 8263
Yang, N. B. 624
Yang, Q. G. 4974
Yang, S. F. 43, 7764, 7916
Yang, S. S. 1761
Yang, W. M. 6156
Yang, W. Y. 7542
Yang, X. 79, 9347
Yang, X. H. 2434
Yang, Y. Q. 1658
Yang, Z. T. 2779
Yankelevich, B. B. 8632
Yankov, L. K. 3648-3649, 9958
Yanmaz, R. 983
Yanov, A. A. 3100
Yanukova, N. A. 9797
Yao, K. N. 7843
Yapa, P. A. J. 6024

Yarborough, D. E. 5080, 5906-5907
Yaroshenko, B. A. 4979, 8504
Yarsick, S. 8102
Yaskonis, Yu. A. 5547
Yasuda, K. 1251
Yasuda, T. 9473
Yasuhara, F. 5631
Yasui, S. 1629
Yasui, Y. 3918
Yata, N. 5631, 6407
Yates, R. A. 8424
Yazaki, K. 8259
Yazar, A. 2850
Ye, M. F. 1848
Ye, M. M. 3229
Yeager, T. H. 2571, 3468, 3579, 5497, 7217
Yeam, D. Y. 2639, 2713, 5460, 6252, 6254
Yeang, H. Y. 7420, 9288
Yearsley, C. W. 2500
Yeh, H. J. 1508
Yeh, S. 4568
Yehia, A. H. 4230-4231
Yelenosky, G. 2042, 5684, 5703, 9323
Yen, Y. F. 2495
Yeo, P. F. 4802, 5796
Yeoman, M. M. 4553, 6375
Yera, M. 3761, 9241
Yesilada, E. 1990
Yi, Y.-B. 4329
Yin, S. A. 2095
Yin, X. Z. 1854
Yisak, W. A. 8218
Yocum, C. F. 5978
Yoder, K. S. 2202
Yogaratnam, V. 398
Yoki, T. 2717
Yokoi, K. 1430-1431, 1802-1803, 2061-2062, 9242
Yokoi, M. 7941
Yokoi, S. 9609
Yokota, M. 1290, 3658, 8179, 8278, 8303, 8305, 9996
Yokota, S. 7784
Yokoto, A. 2374
Yokoyama, H. 2055, 9153
Yokoyama, S. 3288
Yoneda, I. 4406
Yoneda, K. 4584, 8287, 9056
Yonemori, S. 7790-7791
Yonetani, T. 2098
Yoneyama, S. 8907-8908
Yoneyama, T. 4790
Yong Qu 7131
Yong, W. M. 7419
Yongvanitchit, K. 9984
Yoo, K. C. 2405, 5230
Yoo, M. S. 5515
Yoo, W. H. 2713
Yoon, H. S. 7700
Yoon, J. Y. 1698-1699, 5210
Yoon, K.-R. 5075
Yopp, J. H. 6599
Yoshida, M. 2811
Yoshida, S. 1687, 5197, 5876, 6881
Yoshida, T. 8607, 9668
Yoshida, Y. 3089-3090
Yoshihara, M. 9130
Yoshihira, K. 9984
Yoshikawa, K. 3352
Yoshikawa, M. 9192-9193
Yoshikawa, N. 4493
Yoshikawa, T. 5621
Yoshikura, M. 7255
Yoshimura, M. A. 482, 9898
Yoshimura, S. 1321, 4550
Yoshinaga, K. 10089, 10093
Yoshioka, H. 9688
Yoshizaki, M. 1337
Youdeowei, A. 5558
Young, A. M. 6530
Young, C. C. 3390, 5305
Young, D. A. 5766
Young, E. 72-73, 3113, 6719
Young, E. C. 8389
Young, H. 4055, 8465
Young, M. J. 886
Young, R. 3758, 4869
Young, R. E. 1110, 5373, 8734, 9788
Young, R. S. 847, 5828
Young, R. W. 2202
Young, W. A. 1697
Youngman, R. R. 2589
Younis, A. E. 5336-5337
Younis, L. M. 5277
Yousif, Y. H. 6695
Youssef, E. Y. 4137
Youssuf, N. F. 4032-4033
Ystaas, J. 3990
Yu, C. M. 7285
Yu, D. R. 1648
Yu, K. S. 104, 962
Yu, L. 7843
Yu, S. N. 6212
Yuan, Z. Y. 6696
Yuasa, H. 5463, 5467
Yuasa, K. 8258
Yuen, G. Y. 6180, 7101
Yúfera, E. P. 5690
Yugoslavia, Kmetijski Inštitut Slovenije 7462
Yukawa, I. 623
Yuki, T. 9920
Yukimune, Y. 8250
Yuldasheva, L. M. 7769
Yumura, Y. 9668
Yung, K. H. 2566
Yunnsov, S. Yu. 6413
Yunus, M. 2034
Yunusov, M. S. 6386
Yunusov, S. Yu. 6306, 6405, 6414, 6450, 8246
Yunusov, T. S. 6388
Yunusova, K. K. 6351
Yurina, R. A. 6332, 6338
Yusuf, M. 4559
Yusufova, M. A. 1024
Yusupov, M. I. 6360
Yusupov, M. K. 6378-6380
Zaabout, M. 10063
Zabeltitz, C. von 3041
Zabidi, A. H. Al- 10128
Zaccaro, R. P. 3332
Zackova, P. 4558
Zaenudin 1472, 2914
Zafra-Polo, M. C. 3643, 5632, 7299
Zagorcha, E. K. 3534, 4397
Zagornyan, E. M. 822
Zagorodskaya, L. M. 6329
Zagory, D. 7920
Zagoskina, N. V. 10221
Zaharia, D. 9801
Zahn, F. G. 3986, 9383
Zahn, S. G. 2128
Zahner, S. 169
Zahra, J.-P. 5619
Zaied, A. A. 7298
Zaika, P. M. 7258
Zainutdinov, U. N. 8257
Zairisman 3731
Zaiter, H. Z. 9703
Zaitsev, V. G. 6444
Zając, R. 2231
Zakaria, Z. Z. 1490-1491
Zakay, I. Bar- 6504
Zakirov, S. Kh. 6361
Zaktreger, N. I. 7503
Zalieva, L. Z. 5673
Zallo, M. A. T. 2750
Zallocchi, F. M. 5576
Zaltzman, A. 9517
Zaman, A. 9165
Zaman, K. 8284, 8286
Zaman, M. A. 2629
Zamanidi, P. K. 3219
Zámbó, I. 6382, 8146
Zambolim, L. 6044
Zamboni, M. 2328, 6825
Zámbori, E. 8299
Zamora, R. 5159
Zamorski, C. 6201, 9013
Zampieri, E. 3941
Zamski, E. 486
Zamureenko, V. A. 1900
Zandstra, B. H. 8914
Zang, W. 4675
Zani, A. 4018
Zanin, A. C. W. 3427
Zanini, E. 7677
Zanoschi, V. 4332
Zapesochnaya, G. G. 3706, 6424-6425
Zaprometov, M. N. 10221, 10223
Zarad, A. A. 4659
Zaragoza Adriaensens, S. 1394
Zaragozá, F. 8197
Zaragoza, S. 618
Zárate R., R. D. 3776
Zarga, M. H. A. 8253
Zatykó, J. M. 4100
Zatzman, A. 2609
Zav'yalova, N. K. 6762
Zaya, J. 9566
Zayas, J. P. 1484
Zayed, E. 3367
Zayed, E. A. 1052, 7788
Zazueta, F. S. 3467
Zbinden, W. 5892, 5895
Zbroszczyk, H. 2222
Zdero, C. 1166, 4168, 8247, 9141, 10035
Zdrulkovskaya-Rikhter, A. I. 48, 4275, 7560
Zeevaart, J. A. D. 1737
Zehr, E. I. 105
Zeigan, D. 2806
Zeiger, E. 4234, 4236
Zeitoun, B. A. 5648
Zelazny, B. 675
Zelenichkin, V. G. 4305
Zelený, V. 3324
Zelleke, A. 922
Żembery, A. 4118
Zemel, E. 4241
Zemskaya, V. A. 5274
Zeng Xiang 9456
Zengerle, K. H. 5355, 7886
Zenk, M. H. 1233, 1940, 5567, 5587, 7282, 8191, 9933
Zens, A. 5412
Zerbetto, F. 5938, 8710
Zerbi, G. 2509
Zerbi, N. 5699
Zerbini, P. E. 821, 1048-1049, 1056, 5052
Zevenbergen, A. P. 7974
Zezyukin, A. I. 7008
Zhanaeva, T. A. 2277
Zhang, C. X. 1417
Zhang, D. 88, 5600
Zhang, G. D. 2809
Zhang, J. 490, 639
Zhang, J. L. 1854
Zhang, J. Y. 3842, 6576
Zhang, L. D. 2434
Zhang, P. L. 3661
Zhang, Q. D. 5193
Zhang, S. 6330
Zhang, X. 6359
Zhang, X. Q. 8515
Zhang, Y. 6385
Zhang, Y. D. 7248
Zhang, Y. H. 7806
Zhang, Y. T. 8515
Zhang, Z. M. 9924
Zhao, D. X. 1917
Zhao, H. 8810
Zhao Hong 2733
Zhao, J. 4569
Zhao, Y. G. 3730
Zhao, Y. Q. 3744
Zhao, Z. F. 7505
Zhapova, Ts. 6354, 6390
Zhe, W. 3700
Zhemal', B. 6408, 6434
Zheng, J. J. 3744
Zheng, J. S. 8829
Zheng, Q. 88
Zheng, X. Y. 1854
Zheng, Z. G. 3842
Zherebin, Yu. L. 907
Zhi, X. 8272
Zhidkova, N. I. 7062
Zhmurko, L. 65
Zhoa, H. W. 8526
Zhongshan, W. 2766
Zhou, C. 8466
Zhou, H. J. 3951, 6711
Zhou, J. 1933, 3700, 6407, 9152
Zhou, L. D. 6988
Zhou, P. H. 6340
Zhou, S. 344
Zhou, S. T. 7843
Zhou, W. Q. 8515
Zhou, X. 88
Zhou, X. M. 7542
Zhou, X. T. 9832
Zhou, X. W. 2052
Zhou, Y. Z. 7285
Zhou, Z. H. 2751
Zhu, D. Y. 1989, 2012
Zhu, G. L. 5802
Zhu, J. P. 1700
Zhu, Y. F. 1914
Zhu, Y. L. 2012, 7285
Zhu, Z. Q. 3700
Zhuang, R. L. 3573
Zhuang, S. L. 1590
Zhuang, Y. M. 3745
Zhukov, V. A. 6444
Zhukova, N. V. 6016
Zhukova, P. S. 6122
Zhukovich, E. N. 6447
Zhvinene, N. A. 5547
Zid, E. 3751
Zie, Z. J. 2060
Ziechmann, W. 2994
Ziegler, H. 2324, 9038
Ziegler, L. 2329-2330
Ziegler, W. 2663
Ziesenhenne, R. 1147, 7962
Zieslin, N. 486, 1739, 3586, 7169, 9910
Zíka, J. 3945, 3997
Zilberstein, J. 9012, 9064, 9907
Zimmer, K. 2627, 5412, 8035, 9824
Zimmerman, A. D. 7167
Zimmerman, R. H. 9407
Zimmermann, C. E. 5553
Zimmermann, H. 5233
Zinderen Bakker, E. M. van 9364
Zinova, S. A. 6421
Zinov'eva-Stahevitch, A. E. 2597
Zinsou, C. 9689
Ziosi, L. 6110
Zipori, I. 9363
Ziroyan, A. N. 7086
Zitter, T. A. 4160
Ziv, D. 2659
Živaljević, M. 8517
Živanović, M. 3939
Zlenko, V. A. 162
Zobel, A. M. 6776
Zobel, R. W. 4209
Zocchi, G. 6227
Zoghbi, M. das G. B. 5550
Zohar, R. 1007-1008
Zohns, M. A. 55
Zok, S. 10140
Zong, R. 3264
Zong, R. J. 248, 7752
Zora Singh 7410-7411
Zorin, E. B. 8189
Zornoza, P. 3432, 7029
Zou, G. Z. 3229
Zouadui, M. 365
Zrebiec, V. 5494
Zsellér, I. H. 2347
Zsoldos, L. 6707
Zuang, H. 1069, 2515, 9306
Zuck, M. G. 7121
Zuily-Fodil, Y. 7939
Zupanec, J. 538, 4525
Zurawicz, E. 2290
Zureck, A. 4540
Zurera, G. 9779
Zurgil, S. 6518
Zurowicz, E. 9556
Žvinienė, N. 5547
Zwack, F. 4521
Zwahlen, K. G. 3992

Zwatz, B. 4224
Zwaving, J. H. 4495
Zweep, F. v. d. 9640
Zweep, F. van der 6908
Zygmunt, B. 5545
Zyl, H. E. van 4081

SUBJECT INDEX

Abaca (*see Musa textilis*)
Abelia grandiflora
plant, composition, glycosides 488
planting stock, production, containers 1851
Abelia serrata, plant, composition, glycosides 488
Abelia spathulata, plant, composition, glycosides 488
Abelmoschus esculentus (*see* Okras)
Abelmoschus glutinotextilis, plant, composition, polysaccharides 8154
Abelmoschus manihot, plant, composition, polysaccharides 8154
Abelmoschus moschatus, seeds, composition 9947
Abies alba, pollution, acids 7475
Abies concolor, pollution, tolerances 475
Abies homolepis
drought, injuries 2677
landscaping, urban sites 4432
Abies nordmanniana, nurseries, cultural methods 470
Abies veitchii, drought, injuries 2677
Abrus schimperi, plant, composition 3659
Abutilon indicum, plant, composition, oils 1929
Abutilon pictum
landscaping, urban sites 487
nectaries 9094
photosynthesis, biochemistry 9038
Abutilon theophrasti, as weeds, grapes 5930
Acacia
pests, *Psylla uncatoides* 7208
planting stock, production, containers 9064
Acacia albida, plant, composition, tannins 3649
Acacia auriculiformis, as cover crops, coconuts 9265
Acacia catechu
plant
composition 4533
phenolic compounds 3648
tannins 3649
Acacia dealbata, pests, *Psylla uncatoides* 7208
Acacia ehrenbergiana, plant, composition 8158
Acacia farnesiana, plant, composition 5570
Acacia leucophloea, plant, composition, glycosides 9971
Acacia longifolia, pests, *Psylla uncatoides* 7208
Acacia mangium, as cover crops, coconuts 9265
Acacia mellifera, plant, composition 3659
Acacia myrtifolia, nectaries 9095
Acacia nilotica, plant, composition, flavonoids 8150
Acacia pycnantha, nectaries 9095
Acacia senegal, plant, composition, polysaccharides 3072
Acacia seyal, plant, composition, tannins 3649
Acanthocalycium, protected cultivation, temperature 2647
Acanthopanax trifoliatus, plant, composition, terpenoids 560
Acanthosicyos horridus, plant, composition, terpenoids 8170
Acanthospermum hispidum
leaves, composition 3660
plant, composition, lactones 8171
Acanthus ilicifolius, plant, composition 1291
Acanthus mollis, plant, composition, proteins 40
Acaphylla theae, reports, India 4819
Acari, peaches 5884
Acaricides
carbosulfan, application, *Citrus* 7346
cyhexatin, injuries, foliage plants 9867
Acaricides *cont.*
dicofol, application, *Citrus* 7346
dienochlor, injuries, foliage plants 9867
Acer
drought, injuries 2677
species, characteristics 5516
water relations, physiology 5513
Acer campestre, planting stock, defoliation 4434
Acer ginnala, cuttings, cultural methods 469
Acer miyabei, cuttings, types, summer cuttings 1878
Acer negundo
grafting, unions, treatment 1879
seeds, composition 8231
Acer nikoense, plant, composition, glycosides 9096
Acer palmatum
cuttings 1211
planting stock, production, techniques 3594
Acer platanoides
cultivars
characteristics 5516
UK 8057
cuttings, cultural methods 469
landscaping, industrial sites 4431
pollution, tolerances 475
salinity, injuries 4459
Acer pseudoplatanus
cultivars, characteristics 5516
tissue culture, biochemistry 1547
Acer rubrum
as weeds, *Vaccinium angustifolium* 5906
cultivars, characteristics, UK 8057
cuttings, cultural methods 469
nutrition, manganese 9915
pollution, acids 489
roots, development, wounds 1212
Acer saccharinum, shoots, development, growth regulators 1880
Acer saccharum
disorders, decline 4460
nutrition, manganese 9915
salinity, injuries 4459
Acer tataricum, seeds, dormancy, growth regulators 7209
Aceria litchii, *Litchi* 649
Aceria sheldoni, *Citrus* 2865
Aceria tulipae, garlic 6860
Acetaldehyde
biosynthesis, persimmons 10111
metabolism
storage
apples 9473
oranges 1426
Acetylene, responses, bananas 7397
Acetylenes, characterization, *Arctium lappa* 7255
Achillea, cultural methods, pot plants 1132
Achillea ageratum, cultivars, assessment, USSR 9946
Achillea asiatica, plant, composition, essential oils 8126
Achillea biebersteinii, plant, composition, coumarins 6350
Achillea collina, cultivars, assessment, USSR 9946
Achillea falcata, roots, composition 8172
Achillea filipendulina, cultivars, assessment, USSR 9946
Achillea krascheninnikovii, plant, composition, coumarins 6350
Achillea millefolium
cultural methods 1292
establishment, slopes 9857
plant, composition, flavonoids 39
regeneration 6256
utilization, lawns and turf 9857
Achillea vermicularis, plant, composition 2758
Achimenes
cultivars, characteristics, German Federal Republic 7152
rhizomes, treatment, growth regulators 3537
Achimenes grandiflora, trichomes 6181
Achimenes longiflora
flowers, development 3538
rhizomes, development 3538
Achras zapota (*see* Sapodillas)
Achyranthes aspera
plant
composition 9962, 9972
vascular system 6161
Achyrocline tomentosa, plant, composition, flavonoids 1930
Acianthus, cultural methods, pot plants 1203
Acioa simplicifolia, plant, composition, lectins 1931
Acnistus australis, plant, composition, alkaloids 5568
Acnistus breviflorus, plant, composition, lactones 561, 1293
Aconitum
plant, composition, alkaloids 4539
seeds, anatomy 1133
Aconitum barbatum, seeds, anatomy 1133
Aconitum chasmanthum, plant, composition 4533
Aconitum crassicaule, plant, composition, alkaloids 1932
Aconitum czekanovskyi, plant, composition, alkaloids 6354
Aconitum ferox, plant, composition 4533
Aconitum geniculatum, plant, composition, alkaloids 1933
Aconitum heterophyllum, plant, composition 4533
Aconitum japonicum, plant, composition, alkaloids 6355
Aconitum monticola, seeds, anatomy 1133
Aconitum napellus, cut flowers, production, protected cultivation 6182
Aconitum subcuneatum, plant, composition, alkaloids 1934
Aconitum variegatum, seeds, anatomy 1133
Acorus calamus
plant
composition 5569
essential oils 3624, 3630, 9944
Acremonium implicatum, sugarcane 9294
Acrocercops cramerella, *Litchi* 649
Acrocomia aculeata, products, oils 2019
Acrocomia totai, products, oils 2019
Acrolepiopsis assectella, leeks 937
Actinidia
buds
dormancy, temperature 6783
fruiting potential 6782
cultivars
characteristics, Italy 4876
temperature 6783
cuttings, rooting, histology 1556
defoliation, responses 6784
dormancy, cyanamide 9595
drought, injuries 2677
flowers, initiation, temperature 6783
fruits, size, defoliation 6784
growth regulators, NAA, application 6780
irrigation, systems 4053
pests, integrated control, reviews 7490
pruning, systems, growth regulators 6780
wild plants, surveys, China 6678
Actinidia arguta
growth regulators, zeatin, biosynthesis 5071
photosynthesis, physiology 5515
reports, Netherlands 6616
seeds, germination 1624

Actinidia chinensis
cultivars
characteristics, France 2267
chilling requirement 873
storage 5072
cultural methods
Australia 1390
Belgium 3188
France 1626
Italy 871, 1623
mechanization 1623
cuttings 132
development, mycorrhizas 9530
treatment, growth regulators 2268
flowers, initiation, physiology 9374
frost
injuries 133, 7585
surveys 5808
resistance, cultural methods 5898
tolerances 4620
fruits
aroma, storage 4055
biochemistry, storage 9533
composition 2271, 7590, 8371
cytology 6781
development, environment 1626
flavours, biochemistry 8497
mechanical properties
assessment 874
storage 874
ripening 2269
biochemistry 4055, 8628
storage 9533, 9535
size, pruning 1625
fungicides, determination 6663
herbicides, residues 5306
irrigation, systems 9531
nutrition
nitrogen 133
trace elements 9532
pests
Costelytra zealandica 7587
Hemiberlesia rapax 7586, 7588
Tortricidae 7586
plant
development, light 2322
sex, physiology 1552
planting stock, production, containers 7207, 9530
pollination, pollinators, Apoidea 7589
production, energy requirements 1623
pruning, systems, assessment 1625
reports
Cyprus 9316
Israel 7459
Netherlands 6616
New Zealand 6617
research, Italy, reviews 5070
roots, development, assessment 134
storage 2270, 5072
biochemistry 4055, 9533
physiology 2269
systems
assessment 6785
cold storage 9534
controlled atmosphere storage 4054, 9534
taxonomy, nomenclature 4052
tissue culture
contaminants 6779
propagation
micropropagation 872
techniques 5897, 6779
training, systems 3080
transpiration, measurement 5899
waterlogging 3189
Actinidia chinensis* × *Actinidia arguta, growth regulators, zeatin, biosynthesis 5071
Actinidia deliciosa, taxonomy, nomenclature 4052
Actinidia kolomikta
growth regulators, zeatin, biosynthesis 5071
planting stock, production, techniques 8066
Aculops fuchsiae, *Fuchsia* 2714
Aculus fockeui, peaches 5884
Aculus schlechtendali
apples 5829, 5855
pears 118
Acyclops lycopersici, tomatoes 1736
Adansonia digitata
cultural methods, Gambia 6598
plant, composition 9959, 9961
Adenanthera pavonina
seeds, treatment 3496
utilization, shade plants, cocoa 6528
Adenia volkensii, plant, composition, lectins 2762
Adenosine phosphates
metabolism
anaerobiosis, vegetables 6069
biochemistry, spinach 3299
flowering, *Pharbitis nil* 420
germination, vegetables 6069
light, *Pharbitis nil* 420
oxygen, vegetables 6070
photosynthesis, *Asparagus densiflorus* 3559
tissue culture, *Catharanthus roseus* 8204
responses, ornamental plants 9798
Adhatoda vasica, plant, composition 9134
Adiantum capillus-veneris, phototropism 9870-9871
Adiantum raddianum, spores, germination, culture media 1825
Adonis amurensis, plant, composition, cardenolides 2763
Adonis annua
flowers, development, growth regulators 7122
plant, composition, glycosides 7259
Adonis mongolica, water relations, physiology 9973
Adonis vernalis
plant, composition, cardenolides 8173
tissue culture, propagation, micropropagation 7123
Adoxophyes
apples 4932
tea 8431
Adoxophyes orana
apples 3956, 3958, 5856
pears 853, 3958
Aechmea
flowers, initiation 8023
growing media, composition 8971
Aechmea aquilega
photosynthesis 8018-8020
water relations, physiology 8021
Aechmea fasciata
cultural methods, pot plants 2645, 9863
flowers, initiation 8023
Aechmea lingulata, photosynthesis 8018
Aechmea nudicaulis
photosynthesis 8019-8020
water relations, physiology 8021
Aegle marmelos
diseases, *Sphaeropsis tumefaciens* 9236
fruits, development, physiology 729
plant, composition 1284, 5570
Aeolanthus gamwelliae, cultural methods, India 3625
Aerangis articulata, taxonomy, morphology 9054
Aerangis ellisii, taxonomy, morphology 9054
Aerangis luteo-alba, protected cultivation, cultural methods 1844
Aerangis modesta, taxonomy, morphology 9054
Aerides japonicum, seeds, germination, culture media 1837
Aerococcus, populations, tissue culture, *Actinidia chinensis* 6779
Aeschynanthus albidum, cultural methods, pot plants 1185
Aeschynanthus hildebrandii
cultural methods, pot plants 2704
diseases, tobacco mosaic virus 2703
Aeschynanthus radicans, photosynthesis, CAM pathway 5407
Aeschynanthus speciosus, cultural methods, pot plants 2704
Aesculus carnea, plant, composition, tannins 9140
Aesculus hippocastanum
landscaping, industrial sites 4431
planting stock, defoliation 4434
salinity, injuries 7206
Aesculus turbinata, plant, composition, lignoids 9916
Aethusa cynapium, as weeds, vegetables 4139, 4141
Aflatoxins, determination, hazelnuts 4976
Africa
horticultural crops
cultural methods, conferences 2117
production, conferences 738
nectarines, cultivars 840
peaches, cultivars 840
rubber, nutrition, surveys 7421
temperate fruits, production 748
Aganosma caryophyllata, flowers, composition 1935
Agapetes, taxonomy, keys 9917
Agapetes buxifolia, characteristics 9917
Agapetes hosseana, characteristics 9917
Agapetes incurvata, characteristics 9917
Agapetes incurvata* × *Agapetes serpens, characteristics 9917
Agapetes mannii, characteristics 9917
Agapetes meiniana, characteristics 9917
Agapetes moorei, characteristics 9917
Agapetes obovata, characteristics 9917
Agapetes odontocera, characteristics 9917
Agapetes scortechinii, characteristics 9917
Agapetes serpens, characteristics 9917
Agapetes smithiana, characteristics 9917
Agapetes stenantha, characteristics 9917
Agapetes variegata, characteristics 9917
Agapetes vitis-idaea, characteristics 9917
Agaricus (*see also* Mushrooms)
Agaricus bitorquis, growing media, production 2562
Agaricus xanthodermus, composition 4540
Agastache, plant, composition, essential oils 1900
Agavaceae, taxonomy 7088
Agave
chromosomes 2646
conferences 2118
conservation, Mexico 2747
drought, resistance, physiology 2648
products 2649
Agave americana
drought, resistance, physiology 2648
landscaping, arid regions 2649
nutrition 1187
photosynthesis, CAM pathway 7497
plant, composition, sapogenins 551
Agave cantala
conservation, Mexico 2747
rhizomes, composition 7260
Agave deserti
drought, resistance, physiology 2650
heat, resistance, physiology 5465
leaves, physiology 9041
nutrition 1187
Agave fourcroydes
nutrition 1187
pests, *Scyphophorus acupunctatus* 7247
processing, residues 2748
production, Mexico 2748
Agave lechuguilla
chromosomes 2646
flowers, biology 2749
nutrition 1187
plant, development, environment 5552
Agave murpheyi
landscaping, arid regions 2649
production
history 2813
USA 2813
Agave palmeri, landscaping, arid regions 2649
Agave parryi
landscaping, arid regions 2649
production
history 2813
USA 2813
Agave salmiana
conservation, Mexico 2814
cultural methods, Mexico 2815
nutrition 1187
Agave sisalana
conservation, Mexico 2747
fibres, quality, assessment 529
harvesting, techniques, mechanical harvesting 530, 1268

Agave sisalana *cont.*
plant, composition, sapogenins 2750
Agave tequilana
cultural methods, Mexico 2816
processing, techniques 2816
Agave utahensis, nutrition 1187
Agave victoriae-reginae
chromosomes 2646
drought, resistance, physiology 2648
Agave vilmoriniana, plant, development, carbon dioxide 5466
Ageratum
growing media, composition 7095
nutrition 7095
plant, composition, anthocyanins 7096
Ageratum conyzoides
as weeds
oil palms 1489
peaches 2246
Phaseolus vulgaris 2458
pineapples 3822
tropical crops 2898
plant, composition, essential oils 3627
Agistemus collyerae, control, of Acari, peaches 5884
Aglaonema
cultivars, temperature 7171
cultural methods, pot plants 9866
growing media, composition 410
protected cultivation, systems, greenhouses 1112
Aglaonema commutatum
cuttings, cultural methods 3557
leaf polishes 2643
protected cultivation, energy conservation 9869
Aglaonema costatum, cuttings, rooting, growing media 1822
Aglaonema crispum
cultural methods, pot plants 2641
seeds, production, cleaning 2651
Aglaonema nitidum, cultural methods, pot plants 2641
Agrimonia, plant, composition 7261
Agrimonia eupatoria, plant, composition, phenolic compounds 552
Agrimonia gryposepala, plant, composition 7261
Agrimonia leucantha, plant, composition 7261
Agrimonia pilosa
plant
composition
cytotoxic compounds 1936
tannins 556
Agrimonia procera, cultural methods, Czechoslovakia 8174
Agrimonia repens, plant, composition 7261
Agrobacterium tumefaciens
cherries 3992
grapes 6841
Agropyron repens (*see Elymus repens*)
Agrostis
herbicides, injuries 452
utilization, erosion control 467
weed control 1172
Agrostis capillaris
cultivars
characteristics, Denmark 8008
winter hardiness 3545
establishment, slopes 3545, 5455
growth regulators
BA, responses 9858
flurprimidol, responses 9858
KUH 833, responses 9858
paclobutrazol, responses 9858
pentefenzol, responses 9858
zeatin, responses 9858
herbicides, tolerances 1175, 8011
pests, *Tipula paludosa* 8016
pollution, tolerances 475
regeneration 6256
utilization, erosion control 467
weed control 8010-8011
Agrostis castellana
plant, development, assessment 8004
regeneration, oversowing 8005
weed control 5458
Agrostis palustris (*see Agrostis stolonifera*)
Agrostis stolonifera
as cover crops, cabbages 9663
as weeds, *Calluna vulgaris* 5374
competition, lawns and turf 7159
cultivars, characteristics, Denmark 8008
establishment, slopes 5455
growth regulators
BA, responses 9858
flurprimidol, responses 9858
KUH 833, responses 9858
mefluidide, responses 8014
MH, responses 8014
paclobutrazol, responses 8014, 9858
pentefenzol, responses 9858
zeatin, responses 9858
thatch, development 6258
winter hardiness
cultural methods 4410
thermoblankets 4410
Agrostis tenuis (*see Agrostis capillaris*)
Agrotis, tomatoes 1736
Agrotis segetum
black currants 6790
leeks 937
lettuces 4167
raspberries 6790
Ailanthus altissima
plant
composition 1289
alkaloids 8175
pollution
hydrogen fluoride 4435
ozone 4435
Aiphanes caryotifolia, fruits, anatomy 4757
Air layering
techniques
cashews 4690-4693, 4696, 4700-4701, 4713
Litchi 1433
Macadamia 1433
ornamental plants 1822
woody plants 8059
treatment
growth regulators, *Prosopis cineraria* 3382
wounds, foliage plants 2642
Air pollution (*see* Pollution)
Ajania fastigiata, plant, composition, essential oils 6332
Ajuga reptans
cultural methods, pot plants 6173
plant, composition, steroids 4541
Akebia, wild plants, surveys, China 6678
Akebia quinata, tissue culture, metabolites, production 8176
Akersia, tissue culture, propagation, techniques 3556
Albania
cabbages, cultivars 8799
Capsicum, cultivars 6986
cherries, cultivars 1597
Albertisia laurefolia, plant, composition, alkaloids 3661
Albizia amara, plant, composition, tannins 9958
Albizia coriaria, plant, composition, tannins 9958
Albizia falcata, as cover crops, coconuts 9265
Albizia julibrissin, seeds, treatment 3496
Albizia lebbek
flowers, composition 9146
plant, composition, tannins 9958
Albizia zygia, plant, composition, tannins 9958
Albuca nigritana, chromosomes 7994
Albugo occidentalis, spinach 6880
Albugo tragopogonis, *Scorzonera* 7744
Alcaligenes, control, of *Fusarium oxysporum* f.sp. *dianthi,* carnations 7101
Alcea rosea
pests, *Aphis craccivora* 427
plant, composition, polysaccharides 8154
Alchemilla mollis, cut flowers, production, protected cultivation 1134
Alchemilla pastoralis, plant, composition, phenolic compounds 552
Alchornea cordifolia, plant, composition 8177
Alcohols
characterization, *Xanthoceras sorbifolium* 6449
composition
Calendula officinalis 1790
figs 9485
Isoplexis chalcantha 9185
Oyedaea buphthalmoides 2796
Senecio desfontainei 10032
Tetradium daniellii 2808
Verbena officinalis 5644
determination
Simmondsia chinensis 6452
Verbascum 2606
metabolism
ripening, melons 6950
storage, oranges 1426
production
cultural methods
Jerusalem artichokes 4157
sugarcane, books 732
plant residues, cocoa 2078
techniques, sugarcane 721
taxonomy, *Thymus praecox* 6339
Aldehydes
composition
Amelanchier alnifolia 868
figs 9485
Illicium verum 6335
Oyedaea buphthalmoides 2796
Perilla frutescens 9189
metabolism
biochemistry, *Cymbopogon winterianus* 3635
seasonal variation, *Cymbopogon winterianus* 513
Aleochara bilineata, control, of Anthomyiidae, cauliflowers 979
Aleochara bipustulata, control, of Anthomyiidae, cauliflowers 979
Aleurites (*see also* Tung)
Aleurocanthus woglumi, *Citrus* 631
Aleurothrixus floccosus, *Citrus* 10080
Aleurotuberculatus psidii, guavas 689
Algae (*see also* Seaweeds)
as weeds, pot plants 413
plant, composition 4537
Algicidal properties
Acacia 3649
Arctostaphylos uva-ursi 3649
Caesalpinia coriaria 3649
Hamamelis virginiana 3649
Krameria triandra 3649
Terminalia chebula 3649
Uncaria gambir 3649
Alkaloids
biochemistry
Colchicum luteum 6379
Erythroxylum 5601
biosynthesis
Annona reticulata 5587
Aspidosperma 7290
Berberis 1940, 8191
Catharanthus roseus 1947-1948, 2770, 5567, 8203
Corydalis claviculata 2596
Duboisia myoporoides 4563, 8227
Lonicera tatarica 5567
medicinal plants 5587, 9145
Menispermum dauricum 2792
Ochrosia elliptica 7290
Rauvolfia serpentina 5567
Senecio 1996
Strychnos 7290
Tabernaemontana 7290
Tabernaemontana elegans 5638
Thalictrum minus 3717
characterization
Aconitum crassicaule 1932
Aconitum geniculatum 1933
Aconitum japonicum 6355
Aconitum subcuneatum 1934
Ailanthus altissima 8175
Alstonia scholaris 1294
Buddleja davidii 1882
Buxus papillosa 6371
Cadaba farinosa 1308
Calpurnia aurea 7254
Caryomene olivascens 9157

Alkaloids *cont.*
characterization *cont.*
Catha edulis 9985
Colchicum speciosum 6380
Corydalis solida 9995
Crassocephalum crepidioides 3319
Fritillaria karelinei 9026
Fumaria capreolata 8240
Haplophyllum foliosum 6405
Haplophyllum leptomerum 8246
Hunteria umbellata 7284
Huperzia serrata 7285
Leucojum aestivum 8258
Menispermum dauricum 2792
Murraya euchrestifolia 1341
Murraya koenigii 4574
Nitraria schoberi 6413-6414
Nuphar lutea 9861
Ochrosia elliptica 5618
Ophiorrhiza 1983
Papaver pavoninum 10018
Parabaena sagittata 10020
Picrasma quassioides 2800, 6419, 8175
Piper longum 8274
Rhazya stricta 8284
Sedum acre 3711
Solanum pubescens 9198
Stephania japonica 2003
Sternbergia lutea 6250
Strychnos erichsonii 5637
Tabernaemontana coronaria 8115
Tabernaemontana elegans 8298
Vinca difformis 8307
Ziziphus sativa 1521
composition
Aconitum 4539
Aconitum czekanovskyi 6354
Albertisia laurefolia 3661
Alstonia boonei 6357
Ancistrocladus tectorius 562
Androcymbium melanthioides 1296
aubergines 1066
Balanites aegyptiaca 6588
Buxus sempervirens 6306
Calophyllum inophyllum 9155
Carthamus lanatus 8197
Castanospermum australe 2067
Catharanthus roseus 567, 1945
surveys 9986
Cinchona 4557
Cinchona ledgeriana 9989
Cola nitida 3809
Colchicum autumnale 8209
Colchicum kesselringii 6378
Colchicum luteum 8209
Corydalis bulleyana 9994
Corydalis clarkei 1953
Corydalis pseudoadunca 6386
Corydalis stricta 1954
Crinum 1315
reviews 443
Cytisus scoparius 3601
Datura fastuosa 1319
Delphinium staphisagria 8222
Dendrobium nobile 1845
Desmodium adscendens 1320
Dictamnus albus 9172
Ephedra 1323
Erythroxylum 575
Flueggea microcarpa 1970
Flueggea virosa 3684
Fritillaria delavayi 1163
Fumaria, reviews 8239
Fumaria densiflora 5604
Fumaria judaica 6402
Fumaria macrocarpa 6403
Fumaria parviflora 1327, 3685
Glaucium flavum 580-581
Guatteria ouregou 1331
Haplophyllum glabrinum 9181
Hernandia peltata 5609
Hypecoum procumbens 8253
Kaempferia galanga 543
Leuconotis 8313
Ligularia japonica 3691
Litsea lecardii 8260
Mitragyna stipulosa 3695
Murraya koenigii 1981, 3606
Murraya paniculata 1342
Narcissus tazetta 4395

Alkaloids *cont.*
composition *cont.*
Ochrosia acuminata 3698
Orophea enterocarpa 5620
Pachysandra terminalis 8265
Picrasma quassioides 1988
Psychotria forsteriana 1357
Psychotria rostrata 5581
Pterotaberna inconspicua 1991
Rauvolfia media 8280
Rhazya stricta 8285-8286, 10027
Ruta graveolens 9195
Ryania speciosa 2756
Salsola pestifera 10029
Sarcomelicope argyrophylla 3709
Sargentia greggii 3710
Senecio 8290
Senecio vulgaris 8291
Solanaceae 5568
Sophora secundiflora 9115
Sophora velutina 6432
Stephania rotunda 601
Sternbergia lutea 6251
Strychnos 9201
Strychnos usambarensis 8296
surveys
India 8162
Iran 8166
Peru 9142
Qatar 5575
Spain 8163
USSR 5578
Tabernaemontana coronaria 1370
Tabernaemontana dichotoma 1371
Tabernaemontana undulata 3716
Thalictrum foetidum 6436
Thalictrum isopyroides 4592
Thalictrum javanicum 603
Thalictrum minus 2009, 6436, 6439
Tiliacora triandra 6440
Tylophora hirsuta 1375
Uncaria 2013
Uncaria tomentosa 2014
Valeriana 9205
Vinca major 6447
Vinca minor 7304
Virola 5645
wild plants, Iran 8160
Zigadenus sibiricus 6450
Ziziphus nummularia 4601
Ziziphus sativa 727, 1520
determination
Atropa belladonna 1939, 8189
Choisya ternata 2776
Cinchona 8244
Coptis chinensis 9166
Corydalis bungeana 6385
Corydalis cava 7277
Corydalis yanhusuo 8211
Datura fastuosa 9169
Guatteria gaumeri 1974
Holarrhena 2790
medicinal plants 1285
Papaver bracteatum 7292
Piper nigrum 3618
Ptelea trifoliata 2776
Rauvolfia vomitoria 5627
Ruta graveolens 2776, 3707
Solanum 9197
Tinospora malabarica 3719
extraction
Papaver somniferum 8266
Tabernaemontana penduliflora 2005
metabolism
biochemistry, *Solandra grandiflora* 4587
germination, *Papaver bracteatum* 594
ripening, *Zephyranthes flava* 9208
salinity, *Datura fastuosa* 6389
seasonal variation
coffee 685, 4742
Glaucium flavum 581
tea 685, 2099
Vinca herbacea 6446
tissue culture
coffee 681
plants 9968
Ruta graveolens 3707

Alkaloids *cont.*
production
cultural methods
Atropa belladonna 4546, 9149
Catharanthus roseus 5592
Datura candida 9997
Datura fastuosa 9149
Hyoscyamus muticus 587
Papaver bracteatum 6418
Papaver somniferum 595
Solanum wrightii 2002
seasons, *Peganum harmala* 1350
tissue culture
Atropa belladonna 8250, 9150
Catharanthus roseus 568, 2771, 5591, 8201-8203, 9162, 9969
Cinchona 1951, 9163
Cinchona ledgeriana 5595, 9164, 9990-9991
Cinchona pubescens 572, 7271
Datura 8250
Duboisia leichhardtii 8250
Heimia salicifolia 584
Hyoscyamus 8250
Hyoscyamus muticus 8251
Hyoscyamus niger 8252
medicinal plants 9970
Papaver somniferum 9969, 10019
Rauvolfia serpentina 5626
Solanum aculeatissimum 1364
Tabernaemontana 4590
Thalictrum minus 5641
responses, vegetables 7472
taxonomy
Neisosperma oppositifolia 5617
Ochrosia oppositifolia 5617
Papaver 2798
translocation, *Fumaria capreolata* 7282
Alkanes
composition
Compositae 1287
Descurainia sophia 1960
Gardenia tahitensis 516
Trigonella foenum-graecum 3720
Alkanna tuberculata, plant, composition, pigments 4492
Allelopathy
Asparagus 3390, 5304
cucumbers 2342
Juglans nigra 129
Mentha viridis 7848
Thymus capitatus 9133
tomatoes 2342
walnuts 3186
Allemanda blanchettii, plant, composition, coumarins 9974
Allergens
characterization
Anthemis cotula 3666
Schefflera arboricola 3563
composition
Phacelia 7957
Philodendron 1199
Allium (*see also* Chives; Garlic; Leeks; Onions; Shallots; Welsh onions)
bulbs, production, cultural methods 9843
cultural methods
Mexico 3889
USA 3889
Allium ampeloprasum
cultural methods, Hungary 2353
taxonomy, chemotaxonomy 2354
Allium chinense, bulbs, composition 9975
Allium christophii
bulbs, storage, temperature 2627
seeds, dormancy, temperature 8748
Allium galanthum, seeds, dormancy, temperature 8748
Allium nutans, plant, composition, sapogenins 2764, 3662
Allium pskemense, seeds, dormancy, temperature 8748
Allium stipitatum, seeds, dormancy, temperature 8748
Allium tuberosum
cultivars, dormancy 5974
plant, composition 1290

Allium vineale, as weeds, lawns and turf 2632
Alloplectus capitatus, planting stock, production, techniques 7210
Alloplectus vittatus, planting stock, production, techniques 7210
Allorhogas, control, of *Eldana saccharina,* sugarcane 3843
Almonds
as rootstocks, apricots 3131
cold, responses 9385
cultivars
assessment, USSR 7503, 8467
biochemistry 58, 5830, 9389
chilling requirement 9387
diseases 4885, 8502
flowering 54, 6686
nutritional value 2158
pests 4885
pollination 6686
temperature 54
cultural methods, Italy 779
diseases
Fusicladium amygdali 8502
gummosis 4885
Monilinia laxa 4885
Rosellinia necatrix 9442
Stigmina carpophila 4885
dormancy, cyanamide 9595
flowers, development, temperature 54
frost, injuries 7499
irrigation
fertilizers, application 4888
requirements, determination 1563
responses 4886
systems 4886-4887
nutrition, nitrogen 4887-4888, 5831
nuts
biochemistry, cultivars 5830
composition 58, 1564, 2157-2158, 9389
development, biochemistry 782
pests
control, books 8438
Cydia molesta 3926
plant, composition, lipids 5822
plant residues, utilization, energy sources 55
pollen
germination, cultivars 57
tubes, development 56
pollination
compatibility 56
cultivars 6686
production, Italy 779
pruning
prunings disposal 55
seasons 3083
reports
Australia 6609
Israel 7459
Syria 16
rootstocks
characteristics, USA 8583
growth 3927
salinity, responses 9385
seeds
development
embryology 5831
growth regulators 9388
germination, biochemistry 780
tissue culture
propagation
micropropagation, reviews 6680
techniques 48
protoplasts 781
water relations, physiology 2261
Almonds × peaches
as rootstocks
almonds 8583
stone fruits 8583, 9378
cuttings 4995
Alnus
leaves, anatomy 9093
pests, *Synanthedon culiciformis* 9097
Alnus glutinosa
nutrition, nitrogen 2679
pollution, tolerances 475
Alnus incana, pollution, tolerances 475
Alocasia chantrieri, cultural methods, pot plants 2641
Alocasia cuprea, cultural methods, pot plants 2641
Alocasia sanderiana, cultural methods, pot plants 2641
Aloe
leaves
anatomy 8033
exudates 8032-8033
plant extracts, application, Orchidaceae 3567
Aloe arborescens
nutrition
nitrogen 9976
phosphorus 9976
potassium 9976
plant
composition
carotenoids 6329
polysaccharides 9977
Aloe babatiensis, plant, composition, glycosides 8033
Aloe barbadensis
plant
composition 5570
mucilages 5582
Aloe camperi, photosynthesis, CAM pathway 9038
Aloe candelabrum, plant, vascular system 9872
Aloe cheranganiensis, plant, composition, glycosides 8032-8033
Aloe dawei, plant, composition, glycosides 8032-8033
Aloe elgonica
leaves, anatomy 8034
plant, composition, glycosides 8032-8034
Aloe ferox, plant, composition, glycosides 9978
Aloe fibrosa, plant, composition, glycosides 8033
Aloe morijensis, plant, composition, glycosides 8032-8033
Aloe nyeriensis, plant, composition, glycosides 8032-8033
Aloe perryi, plant, composition, mucilages 5582
Aloe rubrum, cultural methods, pot plants 1185
Aloe speciosa, plant, vascular system 9872
Aloe yavellana, plant, composition, glycosides 8032-8033
Alopecurus myosuroides
as weeds
small fruits 3077
temperate fruits 3077
Aloysia gratissima, plant, composition, essential oils 7238
Alpine plants
reports, UK 4827
seedlings, production, cultural methods 4347
Alpinia, cultural methods, pot plants 9035
Alpinia galanga, plant, composition, essential oils 3631, 5539
Alpinia officinarum
plant
composition
essential oils 5539
phenolic compounds 6356
Alseuosmia banksii, landscaping, New Zealand 7180
Alstonia boonei, plant, composition, alkaloids 6357
Alstonia macrophylla, plant, composition 6358
Alstonia scholaris
plant
composition 6358
alkaloids 1294
essential oils 3624
shoots, development, physiology 2705
Alstonia verticillosa, seeds, composition 8231
Alstroemeria
cultivars, flowering 6248
cut flowers
production
cultural methods 4401, 7153
protected cultivation 7995, 9024
senescence 7906
Alstroemeria *cont.*
flowers, initiation 6248
reports, Canada 9313
rhizomes, development, growth regulators 3539
Alternanthera ficoidea, as weeds, *Phaseolus vulgaris* 2455
Alternanthera sessilis, shoots, morphology 9979
Alternaria
Capsicum 6094
carrots 8953
kohlrabi 4169
persimmons 8363
Alternaria alternata
aubergines 3407
grapes 2317
mangoes 6546
okras 7828
Phaseolus vulgaris 8856
Piper betle 2755, 5563
Alternaria brassicae
Brassica juncea 972, 4471, 5217
greenhouse crops 208
radishes 984, 8816
Alternaria brassicicola, Chinese cabbages 5206
Alternaria cheiranthi, Cheiranthus cheiri 2595
Alternaria citri, Citrus 8343
Alternaria dauci
carrots 394, 2553, 3453, 9767
greenhouse crops 208
Alternaria euphorbiae, poinsettias 9898
Alternaria kikuchiana
pears 3168
Pyrus 4024
Alternaria porri
garlic 6859, 8735
greenhouse crops 208
leeks 937, 3277
onions 4150, 5180, 6873, 7709
Alternaria radicina, carrots 2553, 8953
Alternaria solani
greenhouse crops 208
tomatoes 7041-7042, 8935
Althaea officinalis
plant, composition, polysaccharides 8154
production, Morocco 9934
Altitude
responses
apples 7522
Citrus 641
Indigofera articulata 9126
Indigofera tinctoria 9126
Lawsonia inermis 9126
raspberries 5076
strawberries 5076
Aluminium
absorption, tomatoes 7023
composition
coconuts 2909
grapes 7683
horticultural crops 6655
Hydrangea macrophylla 481
metabolism
calcium, cocoa 2076
phosphorus, pecans 8610
pruning, apples 8521
soil management, pecans 5058
nutrition, *Phaseolus vulgaris* 1019
toxicity
Chrysanthemum coronarium 5819
cocoa 9263
cucumbers 5819
Petunia 4359
Phaseolus vulgaris 9696
radishes 5819
sugarcane 8419
tomatoes 5819
Vaccinium corymbosum 7614
Aluminium foil
utilization
frost protection, oranges 2044
mulches, *Capsicum* 5313
Amanita vaginata, composition, mercury 9779
Amanoa oblongifolia, plant, composition, lignans 1295

Amaranthus
as weeds
carrots 5353-5354
container grown plants 9064
cucumbers 8826
fennel 1097
Gladiolus 9012
grapes 5929
onions 8751, 8753
Phaseolus vulgaris 2453, 5265
vegetables 287
flowers
initiation
growth regulators 5377
photoperiodism 5377
intercropping, *Curcuma longa* 4477
reports, India 3022
Amaranthus blitoides, as weeds, tomatoes 8917
Amaranthus caudatus
growth regulators
AMP, physiology 3329
cytokinins, physiology 3329
plant
composition, sterols 8991
vascular system 6161
seedlings, development, light 2594
seeds
germination
ethylene 3031
growth regulators 4365
water relations 4364-4365
Amaranthus cruentus
cultural methods, Tanzania 1098
harvesting, techniques, assessment 3461
nutritional value 2557
photosynthesis, biochemistry 1549
plant, composition, sterols 8991
Amaranthus hybridus
as weeds
cabbages 8805
coffee 2919
Gladiolus 5436
photosynthesis, light 5363
Amaranthus hypochondriacus
plant, composition, sterols 8991
seeds, germination, light 6220
Amaranthus leucocarpus, plant, composition, sterols 8991
Amaranthus retroflexus
as weeds
Anethum graveolens 8127
Brassica 5212
grapes 5930, 7670
Phaseolus vulgaris 285
temperate fruits 7670
tomatoes 2518, 5329
plant, composition, sterols 8991
seeds, germination, ethylene 3031
Amaranthus spinosus
as weeds
carrots 5222
celery 404
radishes 5222
Amaranthus tricolor
nutrition, sodium 6163
plant
composition
lipids 6162
sterols 8991
pruning, responses 3462
seeds, treatment 925
soilless culture, systems, hydroponics 5960
Amaryllidaceae, taxonomy, chemotaxonomy 7088
Amaryllis, bulbs, production, cultural methods 9843
Amaryllis vittata, pollen, germination, growth regulators 7996
Amblyseius
control
of Acari, peaches 5884
of *Tetranychus urticae,* apples 809
Amblyseius andersoni, control, of *Panonychus ulmi,* grapes 2318
Amblyseius chilenensis, control, of *Tetranychus urticae,* strawberries 3207
Amblyseius cucumeris
control
of Tetranychidae, vegetables 2345
of Thysanoptera, *Capsicum* 8897
Amblyseius mckenziei
control
of Thysanoptera
cucumbers 6662
Phaseolus 6662
Ambrosia artemisiifolia
as ground cover plants, apples 8519
as weeds, grapes 5931
Amelanchier
cuttings, cultural methods 469
wild plants, surveys, China 6678
Amelanchier alnifolia
frost, injuries 869
fruits, aroma, biochemistry 868
reports, Canada 6611, 9313
rootstock scion relationships, temperature 869
Amelanchier arborea, fruits, ripening, physiology 4073
Amelanchier laevis
planting stock, production, tissue culture 1232
rootstock scion relationships, growth 3595
seeds, development, apomixis 3187
Amelanchier lamarckii
nurseries, cultural methods 470
rootstock scion relationships, growth 3595
Amides
biosynthesis, *Piper longum* 1353
characterization
Entada phaseoloides 6393
Piper amalago 2801
Piper peepuloides 9190
Zanthoxylum thomense 1379
composition
Achillea falcata 8172
Allium chinense 9975
hazelnuts 3139
Heliopsis buphthalmoides 8248
Piper amalago 8273
Schizophyllum commune 8968
Symphytum officinale 3715
Tetradium daniellii 1895
determination, coffee 2927
metabolism
cultivars, tea 3857
fruiting, peas 7822
production, plant residues, tea 2100
Amines
composition
Cola nitida 3809
Crataegus laevigata 8213
Lavandula angustifolia 1910
metabolism
nutrition, vegetables 8731
seasonal variation, *Sechium edule* 9689
tissue culture
Datura fastuosa 1959
Helianthus annuus 9183
Amino acids
application
grapes 904
horticultural crops 5811
biosynthesis
carrots 4338
peas 8883
tomatoes 7868
composition
almonds 58, 1564
Arnica montana 5583
avocados 10055
Boletus edulis 2567
Cantharellus cibarius 2567
cashews 4717
Coronilla 6384
dates 3768
Elaeophorbia drupifera 8235
Euphorbia 8235
feijoas 10097
fennel 2023
Ficus elastica 8103
fungi 1104
hops 7250
Liliaceae 1146
Amino acids *cont.*
composition *cont.*
Madhuca longifolia 4606
mangoes 1484
onions 218
Phaseolus lunatus 301
Proteaceae 7089
Psophocarpus tetragonolobus 3384
rhubarb 344
rubber 10187
satsumas 8338
Satureja 2023
sugarcane 2989
tamarinds 6590
walnuts 1564
determination
apples 4936
peas 6076
metabolism
cultivars, tomatoes 7867
environment, grapes 2333
fruiting, peas 7822
germination
chestnuts 7563
peas 2481
growth regulators
cashews 4716
cucumbers 267
satsumas 9239
irrigation, grapes 3236
light, *Tropaeolum majus* 9826
male sterility, *Petunia parodii* 1785
nitrogen
grapes 6849
vegetables 8732
nitrogen dioxide, *Cucurbita maxima* 993
nutrition
cocoa 9262
cucumbers 267
Cucurbita pepo 2441
grapes 2333
plums 4044
phosphorus
Cucurbita pepo 9228
rough lemons 9228
physiology, onions 3293
potassium, grapes 6849
ripening
almonds 782
clementines 1420
grapes 2333
melons 6950
tomatoes 1742
salinity
Azadirachta indica 6305
Melia azedarach 6305
Mesembryanthemum crystallinum 9044
ornamental plants 8024
seasonal variation, apples 7534, 9456
senescence
carnations 2581
Dahlia 5433
storage
Asparagus 4286
sugarcane 7439
temperature
apples 9450
grapes 922
thinning, grapes 8714
tissue culture
carrots 3458
Datura fastuosa 1959
Ruta graveolens 1360
water relations
Brassica juncea 5534
Papaver somniferum 5534
sugarcane 10205
tomatoes 1085, 6134
responses, *Cucurbita maxima* 7787
taxonomy
Convolvulaceae 7470
Elaeagnaceae 1239
Solanaceae 7470
translocation
oil palms 2941
peas 8883

Ammi majus, cut flowers, harvesting 6218
Ammonia, metabolism, biochemistry, *Cissus quadrangula* 8036
Ammonium
absorption
tomatoes 5337
vegetables 3262
metabolism, nitrogen dioxide, *Cucurbita maxima* 993
toxicity
melons 8833
tomatoes 2529-2531, 3434, 6127
Amorbia cuneana, avocados 9219
Amorpha fruticosa, landscaping, industrial sites 3590
Amorphophallus konjac, chromosomes 2628
Amrasca biguttula
aubergines 7006
okras 6984
Amrasca devastans, okras 7827
Amritodus atkinsoni, mangoes 4751
Amygdalus, wild plants, surveys, China 6678
Amyris lineata, plant, composition, coumarins 3663
Anacampseros lubbersii, characteristics 1826
Anacardium (*see also* Cashews)
Anaerobiosis
apples 1585
chicory 236
Phaseolus vulgaris 4216, 5267
plums 2263
Anagallis monelli, cultivars, characteristics, Canada 8970
Anagyrus dactylopii, control, of *Maconellicoccus hirsutus,* grapes 184
Ananas (*see also* Pineapples)
Ananas comosus variegatus, cuttings, cultural methods 3557
Anaphalis contorta, plant, composition, essential oils 1902-1903
Anaphes nitens, control, of *Gonipterus scutellatus, Eucalyptus* 2712
Anastatica hierochuntica, plant, composition 8158
Anastrepha
Citrus 616
guavas 686
mangoes 6543
Anastrepha ludens, Citrus 6477
Anastrepha suspensa, grapefruits 5711
Anchusa arvensis, as weeds, vegetables 4141
Ancistrocladus tectorius, plant, composition, alkaloids 562
Ancistrorhynchus, chromosomes 9055
Andrena, pollinators, chicory 3310
Andrena minutula, pollinators, essential oil plants 1258
Androcymbium melanthioides, plant, composition, alkaloids 1296
Andrographis paniculata, plant, composition 542
Anemone
plant, composition, lactones 1288
reports, UK 4824
Anemone coronaria
cut flowers
production, cultural methods 2611-2613
vase life 5428
growth regulators, GA, responses 2612-2613
nutrition 2613
seeds, germination 2610
tubers, production, cultural methods 2611-2613
Anemopsis californica, flowers, morphology 8992
Anethum graveolens
characteristics 8167
cultivars
assessment
polar regions 6850
USSR 6850, 7685
cut flowers, harvesting 6218
insecticides, residues 3263
plant
composition 7848
Anethum graveolens *cont.*
plant *cont.*
composition *cont.*
essential oils 3628
tissue culture, biochemistry 4496
weed control 8127
Anethum sowa
plant, composition, ketones 8178
seeds, composition 3624
Angelica, diseases, *Puccinia angelicae* 2722
Angelica acutiloba, roots, composition 3664
Angelica archangelica
leaves, composition 3629
pesticides, residues 8168
plant
composition
coumarins 2759
essential oils 8128
Angelica edulis, plant, composition, coumarins 8268
Angelica pubescens
plant, composition 3658
roots, composition 8179
Angelica sinensis, roots, composition 3664
Angola, *Citrus,* production 4623
Angraecopsis trifurca, chromosomes 9055
Angraecum fragrans, plant, composition, coumarins 2759
Anicetus communis
control
of *Ceroplastes destructor*
Citrus 7349
ornamental plants 7349
Anigozanthos, reports, Australia 6607
Anisodontea capensis, cultural methods, pot plants 3502
Annona (*see also* Atemoyas; Cherimoyas)
cultural methods, Australia 1390
cuttings, rooting, histology 1556
plant, composition 543
reports, Australia 4817
storage, systems, cold storage 5735
Annona diversifolia
as rootstocks, *Annona reticulata* 6514
production, Venezuela 1445
Annona lutescens, as rootstocks, *Annona reticulata* 6514
Annona muricata
as rootstocks, *Annona reticulata* 6514
fruits, composition 8371
production, Venezuela 1445
propagation, techniques 3776
Annona reticulata
grafting 6514
plant, composition, enzymes 5587
production, Venezuela 1445
Annona senegalensis, plant, composition, essential oils 10115
Annona squamosa
chromosomes 7384
fruits, composition 8371
plant, composition 2068
production, Venezuela 1445
tissue culture, propagation, techniques 7384
Annual reports (*see* Reports)
Annuals
seeds, production, economics 6183
weed control 6174
Anodendron affine, plant, composition 2765
Anonidium mannii, plant, composition 3665
Anoplolepis custodiens, Citrus 4650
Anthelmintics
sources
Piper betle 1277
Vitex glabrata 10038
Anthemis, harvesting, techniques, mechanical harvesting 7239
Anthemis cotula, plant, composition, lactones 3666
Anthidium manicatum, pollinators, essential oil plants 1258
Anthocephalus cadamba, plant, composition, essential oils 3624
Anthocercis angustifolia, taxonomy, chemotaxonomy 7470
Anthocyanins
biochemistry
Camellia 4441
pomegranates 1441
biosynthesis
apples 3968
carrots 1748
Matthiola incana 9817
characterization, carnations 1115
composition
black currants 8632
carnations 7917
Hydrangea macrophylla 481
ornamental plants 7096
peaches 8602
pears 6756
plants 8492
Prunus 4884
quinces 4884
Rhododendron 4448
strawberries 4884, 7653
Vaccinium 5909
Vaccinium macrocarpon 1628, 5083
Vaccinium vitis-idaea 8652
vegetables 7096
determination, tulips 6247
metabolism
growth regulators, cabbages 6004
light
cabbages 8809
grapes 193
nitrogen, apples 9432
nutrition, grapes 6825
pruning, grapes 6825
ripening
grapes 5953
peaches 4022
seasonal variation, *Vaccinium macrocarpon* 7631
storage, *Vaccinium corymbosum* 6794
surfactants, *Vaccinium macrocarpon* 7632
temperature, cabbages 8809
tissue culture, *Catharanthus roseus* 4553
production, tissue culture, *Catharanthus roseus* 6375
taxonomy
Agavaceae 7088
Amaryllidaceae 7088
Liliaceae 7088
Anthonomus eugenii, Capsicum 6996-6998
Anthoxanthum odoratum, plant, composition, coumarins 2759
Anthriscus cerefolium
cultivars
assessment
polar regions 6850
USSR 6850
Anthurium
cut flowers, production, protected cultivation 414
diseases, *Xanthomonas campestris* pv. *dieffenbachiae* 5409
pollen, composition 2570
salinity, responses 414
Anthurium andreanum
cultural methods, pot plants 5410
growing media, composition 5411
tissue culture, propagation, micropropagation 7945
Anthurium scherzerianum
cultural methods, pot plants 1195, 2641, 5413, 8035
diseases, *Myrothecium roridum* 1195
tissue culture
propagation
meristems 5412
techniques 8993
Anthyllis onobrychioides, plant, composition, flavonoids 1297
Antibiotics
oxytetracycline
injuries, plums 4045
responses, *Syzygium aromaticum* 3621
sources, *Agaricus xanthodermus* 4540
streptomycin, responses, *Syzygium aromaticum* 3621

Antimony
absorption, celery 9771
translocation, tomatoes 4327, 8940
Antioxidants, composition, *Zingiber officinale* 4491
Antirrhinum
cultivars, assessment, USA 1113
cut flowers
preservatives 6186, 7909
production, protected cultivation 1113
storage 5380
dwarfing, growth regulators 5379
flowers, initiation, photoperiodism 2575
fungicides, injuries 2572
herbicides, injuries 6174
leaves
development
mutants 2575
photoperiodism 2575
variegation, mutants 9792
pollen
germination, amines 415
tubes, composition 7912
viability, tests 5803
seeds, treatment 2572
weed control 6175
Antitrogus mussoni, reports, Australia 4816
Antiviral agents, composition, *Boerhavia diffusa* 5561
Antiviral properties
Boerhavia diffusa 548
Chaenactis douglasii 8207
Eriophyllum lanatum 8207
Narcissus tazetta 4395
Aonidiella aurantii
Citrus 8335
grapefruits 2053
lemons 632
Apanteles flavipes, control, of *Diatraea saccharalis,* sugarcane 2986-2987
Apanteles taragamae
control
of *Opisina arenosella*
bananas 673
coconuts 673
Aphanamixis polystachya, plant, composition 1924
Aphanisticus cochinchinae, reports, USA 3887
Aphelandra
breeding, techniques 2706
irrigation, frequency 9042
Aphelandra squarrosa, cultural methods, pot plants 2644, 6262, 9866
Aphelenchoides fragariae
Rhododendron 9085
strawberries 2297
Aphelenchoides ritzemebosi, Saintpaulia 2593
Aphelenchoides subtenuis, Narcissus 2624
Aphididae
cabbages 7801
Capsicum 5313
Chinese cabbages 3323
cucumbers 6026
leeks 937
Lilium 7144
Phaseolus vulgaris 7801
vegetables 6855
Aphidius sonchi, control, of *Hyperomyzus lactucae,* lettuces 6903
Aphidoletes aphidimyza
control
of Aphididae, vegetables 2345, 6855
of *Myzus persicae,* vegetables 7045
Aphis craccivora, Alcea rosea 427
Aphis gossypii
aubergines 7006
Capsicum 7838
guavas 689
tomatoes 6119
Zinnia 434
Aphis solanella, Papaver 1142
Aphytis chilensis, control, of *Aspidiotus nerii,* lemons 6478
Aphytis melinus, control, of *Aonidiella aurantii,* lemons 632
Aphytis yanonensis, control, of *Unaspis yanonensis, Citrus* 5698, 7350
Apium (*see also* Celeriac; Celery)
Apoidea
pollinators
Actinidia chinensis 7589
apples 3963-3964, 9463
cherries 1604, 3136
chicory 3310
Couroupita guianensis 8102
Cucurbita pepo 6033
grapefruits 4654
pome fruits 4940
Solanaceae 5319
Vaccinium myrtillus 4072
Apple mosaic virus, hops 5553
Apple proliferation, apples 82
Apples
acaricides, application 4933
budding
height 3092
techniques 8511
buds
composition 4937
development, temperature 798
size, cultivars 4937
chilling requirement 5862, 9451
climate, microclimate 7522
cold
resistance
biochemistry 3928
cultivars 3085, 3928
cover crops
cultural methods 2178
responses 8518
cultivars
assessment
Brazil 8508
Czechoslovakia 6691, 7507
Denmark 8509
German Federal Republic 7508
Italy 786, 9392
Netherlands 3086
Norway 8507
Poland 3929
Switzerland 61
USSR 65, 3922, 4895, 9393
Yugoslavia 2160, 8510
biochemistry 3119, 3969, 6727
characteristics 2161-2162, 3088, 3930-3931, 7510
German Democratic Republic 3087
Italy 4876
Japan 3089-3090
Netherlands 787, 9394
Switzerland 5836
UK 788
USA 789, 6692
USSR 62-63, 66, 6693, 7509
chilling requirement 5862, 6717
chimaeras 3932
chromosomes 3931
clones 2159, 3086, 7510
conservation 795
consumer preferences 2173, 2221, 9376
cultural methods 790, 799
diseases 59, 785, 2173, 3088, 4878, 5833, 6681, 6689, 7518, 9390
disorders 93, 785, 3117
environment 6730
flowering 5862, 9451
fungicides 9474
grading 830
growth 7519, 7530
growth regulators 88, 2170, 2194, 2204, 6703-6704, 8523, 8541, 9408, 9420, 9422-9423
harvesting 8505
harvesting date 1588, 2208, 3121, 3970, 6691, 8544-8545
high density planting 8504
history 6687
identification 8503
mechanical harvesting 6689
mechanical properties 827, 2222, 3130, 6688-6689, 6729
nutrition 1571, 4883, 9433
organic culture 9415
pests 784, 9391
phenology 4894
physiology 8548
Apples *cont.*
cultivars *cont.*
pollination 89, 814, 1583, 3964, 4941, 5863, 8506, 8538
processing 60-61, 3088
propagation 75-76, 2164
pruning 4914, 7530, 9423
spacing 4914, 5850, 8516
storage 1589, 2159, 2215, 3090, 3124-3125, 4893, 5834, 6689, 6725, 6727, 8544-8546, 8548, 8551
temperature 1558, 1566, 3085, 3928, 4892, 4910, 5835, 5843, 7505, 9379, 9413, 9452
training 2163, 4914, 4920
water relations 6715
winter hardiness 2151, 4877, 6690, 8505, 9405-9406, 9450
yields 64, 5868, 7506
cultural methods 6682
books 3862
containers 8529
economics 5846
Europe 4890
Finland 5841
France 3084
German Federal Republic 4889
Hungary 799
Indonesia 783, 816
Italy 3941
mechanization 4917, 5850
slopes 2172, 4903
cuttings
cultural methods 2164
rooting
growth regulators 2171
histology 1556
sources
cultural methods 2171
protected cultivation 791
treatment, growth regulators 9397
defoliation, responses 816, 7534, 9453
diseases
apple proliferation 82
Botryosphaeria dothidea 9438
Botryosphaeria obtusa 4949, 9438
Botrytis 9437
control 763
Canada, conferences 3880
Erwinia amylovora 9390
Fusarium 785
Gliocladium roseum 8501
Gloeodes pomigena 8531
Gloeosporium 3106, 9437
Gymnosporangium juniperi-virginianae 2173
Gymnosporangium yamadae 59
Monilinia 9437
Nectria 9437
Nectria galligena 3106, 5833, 9392
Penicillium 9437
Penicillium expansum 2217, 4949
Phytophthora 6658
Phytophthora cactorum 83, 4930, 9439
Podosphaera leucotricha 2182, 2186, 4878, 4931, 4933, 5833, 8532, 9392, 9440-9441
Rhizopus 4949
Rosellinia necatrix 3925, 9442
Schizothyrium pomi 8531
Venturia inaequalis 84, 1574, 1592, 2173, 2182, 2186-2187, 2203, 3953, 4889, 4933, 5833, 6661, 6712-6713, 7525, 7537, 9392, 9415, 9437, 9471
viruses 3094-3095, 6681, 7518
disorders
bitter pit 803, 819, 1571, 1573, 1593, 3124, 4950, 6708
breakdown 1593, 3127, 3973, 4951, 8499, 9472
brown core 2218
chilling injury 9473
chlorosis 5853, 6685
core flush 3125, 6725
flesh browning 785, 807, 3124-3125
internal bark necrosis 7533
leaf fall 819
leaf spot 819

Apples *cont.*
- disorders *cont.*
  - lenticel spot 785
  - scald 785, 823, 3124, 3127, 6725, 6728
  - water core 3117
- dormancy
  - biochemistry 6718
  - cyanamide 9595
  - growth regulators 3114, 6719
  - physiology 811, 3113
  - temperature 6719
- drought, responses 2190-2191
- dwarfing
  - budding 3092
  - rootstock scion relationships 4896
- economics
  - Czechoslovakia 3921
  - France 3075
  - Spain 3075
- flowers
  - development
    - defoliation 9453
    - fruiting 2197
    - growth regulators 9454
    - histology 2196-2197
    - light 6702
    - physiology 4938
    - temperature 1581, 4909, 5862
  - drop, cultivars 64
  - initiation
    - biochemistry 7542, 9456
    - defoliation 816
    - fruiting 8536
    - fungicides 2187
    - growth regulators 88, 816, 6704, 8522, 9427
    - interstocks 8515
    - light 1579, 7542
    - nutrition 5852, 7536, 9433
    - precocity 6704
    - temperature 6717
  - morphology 1583
  - thinning
    - growth regulators 9468
    - responses 4944
- frost
  - injuries 1558, 1566, 4909, 8541, 9380
    - assessment 7505
  - protection
    - equipment 5844
    - irrigation 7523, 7543, 9414
    - snow 7524
  - resistance
    - biochemistry 9452
    - cultivars 4892, 4910, 5835, 5843, 7499
    - cultural methods 9413
    - growth regulators 1567-1568, 1570
    - interstocks 1559
    - nutrition 9411
    - physiology 1557, 9379
    - rootstock scion relationships 1559, 9411
    - rootstocks 9400
    - seasonal variation 1580
    - slopes 7525
    - surfactants 1567
    - water relations 9412
- fruits
  - abscission, biochemistry 1587
  - biochemistry
    - cultivars 6727
    - fungicides 9474
    - growth regulators 8499
    - irrigation 2174
    - light 8555
    - pruning 4915, 8521
    - spacing 4880
    - storage 6727, 8555
  - browning
    - biochemistry 3119
    - cultivars 3119
  - colour
    - cultural methods 1573
    - nutrition 9432
    - storage 6726
    - sucrose esters 6732
  - composition 5867, 8518, 8551-8552

Apples *cont.*
- fruits *cont.*
  - cytology 822, 3118
  - development
    - assessment 5865
    - biochemistry 1587, 6709, 6723
    - growth regulators 2201, 4924, 8522, 9426
    - histology 9386
    - interstocks 7516
    - light 8536
    - physiology 2205, 3118, 3123, 3976, 4945
    - temperature 798
  - drop
    - cultivars 64
    - growth regulators 815, 2198, 4924
    - light 1579, 6722
    - nutrition 7536
    - physiology 9464
  - flavours
    - assessment 2221, 4954
    - biochemistry 8497
  - histology 9464
  - maturity, assessment 8542
  - mechanical properties
    - assessment 826-829, 3130, 7552
    - cultivars 2222
    - cytology 829
    - growth regulators 8499
    - nutrition 6710, 9470
    - storage 827, 6726, 8549
    - sucrose esters 6732
  - physiology 1594
  - quality
    - assessment 3129, 5866
    - cultivars 9426
    - cultural methods 2173, 7529
    - environment 6730
    - growth regulators 819, 2204, 9426
    - mulching 79
    - nutrition 803, 819, 3127, 6731, 8527
    - position 3976
    - rootstock scion relationships 792
    - soil water 803
    - training 3104, 7531
  - ripening
    - anaerobiosis 1585
    - biochemistry 90, 1586, 1591, 3117, 3969, 4946, 6138, 8553-8554
    - growth regulators 815, 8499
    - light 8536
    - provenance 4894
  - russeting 9427-9428
    - cultural methods 3120
    - growth regulators 2204, 5864
    - nutrition 806
  - senescence 813
  - set
    - defoliation 9453
    - growth regulators 2202, 6704, 8499, 8506, 9459
    - nutrition 5852
    - pesticides 9463
    - pollination 1583, 4939
  - shape, growth regulators 818, 5864
  - size
    - assessment 830, 7545
    - cultivars 830, 5868
    - cultural methods 1573, 6733
    - environment 2192
    - growth regulators 3105, 5864, 8499, 8523, 9427
    - measurement 2192
    - mulching 7526
    - nutrition 806, 7536
    - yields 3971
  - thinning
    - growth regulators 1584, 2199-2201, 2203, 3965-3966, 8541, 9427, 9465, 9468
    - insecticides 3965
    - responses 4924, 4943, 6733
    - surfactants 9428
    - techniques 2202
  - ultrastructure 1585

Apples *cont.*
- fungicides
  - application 2186, 4933
  - determination 6663
  - injuries 2187
  - residues 6665
  - responses 9441, 9463
- grading, techniques 830, 4952, 6729
- grafting
  - cultural methods 8512
  - height 6696, 9404
  - techniques, assessment 1565
  - unions, histology 4896
- ground cover plants, responses 8519-8520
- growth regulators 791
  - ABA
    - metabolism 67
    - physiology 6718, 9451
  - aminocyclopropane carboxylic acid, metabolism 86
  - aminoethoxyvinylglycine, responses 5859, 9462
  - aminooxyacetic acid, responses 6704
  - auxins, responses 9460
  - BA
    - application 802
    - injuries 6703
    - responses 796, 802, 817-818, 1569, 2170, 2194, 4927, 6703-6704, 9408, 9426
  - bromouracil, responses 9455
  - carbaryl, responses 88, 1584, 2201, 3966, 8522, 8541
  - chlormequat, responses 2171, 2193, 4926, 7532, 7544, 8504
  - cytokinins, responses 9460
  - daminozide
    - residues 2179, 3945
    - responses 88, 817, 1567, 2171, 2179, 2211, 3972, 4924, 4926, 6702, 6704, 7532, 7544, 7550, 9409, 9420, 9422-9423, 9454-9455, 9466, 9469
  - dichlorobutrazol, responses 8499
  - dichlorprop, responses 2198
  - ethephon, responses 88, 1584, 2193, 3966, 5838, 6704, 7532, 7544, 8522, 9422, 9449, 9454-9455, 9466
  - ethylene
    - biosynthesis 43, 7907, 8554
    - metabolism 86
    - responses 4945
  - EX-1019, responses 6720
  - fatty acid methyl esters, responses 3937
  - flurprimidol
    - responses 6720, 9421
    - translocation 6721
  - GA
    - application 802
    - injuries 6703
    - responses 86, 796, 802, 812, 818, 2194, 2204, 4927, 5864, 6703-6704, 6720, 7550, 9408, 9426-9427, 9454-9455, 9462
  - gibberellins, responses 9460
  - IAA, responses 819
  - kinetin, responses 8506
  - mefluidide, responses 2178
  - NAA, responses 88, 2200-2201, 3965, 7550, 9424, 9426, 9462
  - NAAM, responses 1584, 9455, 9466
  - paclobutrazol
    - physiology 812
    - responses 86, 2178, 2203, 3105, 4925-4926, 6704, 6720, 8499, 8523, 9409, 9420-9422
  - polyamines
    - metabolism 86
    - responses 9461
  - proline, responses 8506
  - propyl butylphenoxyacetate, responses 1569, 2194, 2203, 3937
  - putrescine, responses 6704

Apples *cont.*
- growth regulators *cont.*
  - thidiazuron, responses 3114
  - TIBA, responses 3937
  - triadimefon, responses 6704, 6720
  - vitamin B, responses 819
- growth retardation, growth regulators 6720
- hail, injuries 1562
- handling
  - injuries 7549
  - techniques 6724
- harvesting
  - equipment 3122
  - frequency 816
  - harvesting date
    - assessment 1588, 2207-2209, 3121, 3970, 8542
    - cultivars 8505, 8544-8545
  - injuries 2222, 6689
  - techniques, mechanical harvesting 91, 820, 4947, 6689, 8543, 9328
- herbicides
  - responses 4912
  - tolerances 49
- high density planting
  - cultivars 4891, 8504, 9393
  - cultural methods 4880, 4926, 5850
    - meadow orchards 4891, 4924, 8504, 9409, 9422
  - economics 5832, 5840, 5842
  - harvesting 820
  - light 6702
  - planting, systems 4907-4908, 4923, 5839, 5845, 6631, 6702
  - pruning 4891, 4914, 4921
  - training 4914, 4921
- insecticides
  - application 32, 4933
  - determination 38
  - residues 3110, 3961, 7540
  - responses 3965
- interstocks 71, 793-794, 1559, 7514-7516, 8515, 9401, 9404, 9413
- irregular bearing
  - cultivars 7507
  - cultural methods 4943-4944
  - growth regulators 817, 3966, 4942, 9466
  - physiology 9467
  - pollination 4942
  - pruning 4942-4943, 9466
- irrigation
  - economics 3942
  - fertilizers, application 6700
  - frequency 3102
  - requirements, determination 2175, 7523, 7543
  - responses 2174, 2176, 3112, 3942, 9382
  - systems 3941, 4913, 6700
- leaves
  - biochemistry
    - irrigation 2174
    - rootstock scion relationships 73
    - spacing 4880
  - composition 1582
  - cytology 4833
  - drop, environment 2195
  - size, growth regulators 8499
- mulching
  - materials 79, 3103, 3943, 7526, 9417
  - responses 79, 3103, 3943, 7526, 9417
- mycorrhizas 6705
- nurseries, cultural methods 796
- nutrients
  - absorption
    - conferences 8488
    - irrigation 9382
    - measurement 6716
    - soil management 9382
  - requirements, analysis 80, 804, 2220, 6700, 7501
- nutrition
  - boron 1578, 4883, 6711
  - calcium 807-808, 1572, 2220, 3127, 3948-3949, 4929, 4950, 6709-6710, 6716, 8496, 9429

Apples *cont.*
- nutrition *cont.*
  - green manures 2193
  - iron 81, 3951, 5853, 6685, 9434-9435
  - magnesium 808, 1572, 2220, 3948, 8496, 8529, 9429
  - manganese 3951, 8529
  - manures 1573, 9417
  - nitrogen 803, 805-806, 819, 1571, 1573, 2176, 2181, 2216, 2220, 3948-3950, 4916, 4928, 5852, 6700, 6706-6708, 6710, 7520, 7535-7536, 8525-8528, 9411, 9430-9433
  - phosphorus 805, 807, 819, 2220, 3948-3950, 5853, 6700, 6706, 7535, 8525, 8530, 9431, 9470
  - potassium 805, 819, 2220, 3948-3950, 6700, 6706, 6708, 8496, 8525, 9429, 9431
  - sodium 8496
  - sulphur 6710
  - trace elements 808, 819, 5853, 6710, 6716
  - zinc 3951, 6707, 6710, 8529-8530
- organic culture 9415
- packing, containers 2219, 3128
- parasitic plants, *Viscum album* 8308
- pesticides
  - application 1576-1577, 8491
  - residues 3908
- pests
  - *Aculus schlechtendali* 5829, 5855
  - *Adoxophyes orana* 3956, 5856
  - *Archips* 5856
  - *Archips podanus* 3956
  - *Archips rosanus* 3956
  - *Carposina niponensis* 9445
  - *Conotrachelus nenuphar* 9391
  - control
    - Canada, conferences 3880
    - Hungary 4932
    - reviews 3952
  - *Cydia molesta* 3926
  - *Cydia pomonella* 3926, 5856, 7538, 9446
  - *Dysaphis plantaginea* 5858
  - *Eriosoma lanigerum* 5854
  - *Euproctis chrysorrhoea* 7539
  - integrated control 9436
    - Chile 8500
    - USA 3108
  - *Operophtera bruceata* 3957
  - *Pandemis heparana* 3956, 5856
  - *Panonychus ulmi* 784, 806, 2155, 3107-3108, 3955, 5829, 5855, 9443-9444
  - *Platynota idaeusalis* 3108, 3955
  - *Pratylenchus penetrans* 8533
  - *Quadraspidiotus ostreaeformis* 3957
  - *Quadraspidiotus perniciosus* 2183, 3109, 3957, 5069
  - *Rhagoletis pomonella* 2184, 3110, 3961
  - *Stigmella malella* 3959
  - *Synanthedon scitula* 2185, 3960
  - *Tetranychus urticae* 809, 4933
  - Tortricidae 3958
  - voles 1575
  - *Xiphinema americanum* 8534
  - *Xiphinema rivesi* 8534
  - *Xyleborus dispar* 5857
  - *Zeuzera pyrina* 8535
- photoperiodism 1579
- photosynthesis
  - biochemistry 3967
  - drought 2191
  - flowering 9448
  - light 8536
  - nutrition 9434
  - transpiration 9448
- plant
  - biochemistry, environment 2195
  - composition 6655
    - amino acids 4936
    - anthocyanins 3968
    - ascorbic acid 90
    - boron 30
    - calcium 3973, 7533, 7546, 8499

Apples *cont.*
- plant *cont.*
  - composition *cont.*
    - copper 6626
    - enzymes 3967, 8503
    - growth regulators 2195, 7547
    - magnesium 3973, 7533
    - nitrogen 7534
    - phosphorus 3973
    - photosynthates 2181, 3944, 3962, 5860-5861
    - proteins 3115
    - sugars 3116
  - development
    - assessment 6631, 7530
    - phenology 4894, 4909
    - vascular system 9447
  - growth, assessment 7504
  - physiology, books 3862
- plant residues, utilization, energy sources 95
- planting
  - site preparation 9439
  - sites, selection 7522
  - spacing 3078, 3100, 4898, 4900-4904, 4906, 4922, 5832, 5840, 7521, 8516-8517, 9410, 9419
  - systems 2172, 4880, 4890, 5832, 5839, 5841, 5845, 9410
- planting stock
  - defoliation 5838, 6698
  - production
    - economics 3091
    - protected cultivation 4897
    - techniques 791, 796-797, 1560, 2164, 2170, 2194, 3934, 3937, 5842, 7515, 7517-7518, 7520, 8512, 9411
    - tissue culture 76, 4899, 9407
  - quality, assessment 7519
  - selection 3084
  - treatment, growth regulators 4927
- pollen
  - germination
    - cultivars 57
    - fungicides 9463
    - growth regulators 8539
  - tubes, development 9459
- pollination
  - compatibility 8540, 9458
  - cultivars 89, 814, 4939, 4941, 8506, 8538, 8540
  - environment 8538
  - physiology 5863
  - pollinators
    - Apoidea 3963-3964, 4939-4940, 9463
    - *Eristalis* 3963
    - *Metasyrphus americanus* 3963
  - research 1583
  - reviews 5790
  - techniques 9458
- pollution
  - hydrogen fluoride 4435
  - ozone 4435
- processing, cultivars 60-61, 3088
- production
  - Africa 748
  - Brazil 6624
  - energy requirements 6679
  - France 4890
  - Indonesia 783
  - Italy 4890
  - slopes 2152
  - USSR 6679
- products, beverages 61
- protected cultivation, systems, plastic film 5841
- pruning
  - responses 2177, 4916, 4918-4919, 4921, 6701, 6733, 7530, 8521, 9466, 9468
  - systems
    - assessment 2177, 4914-4915, 5832, 7527, 7529, 9418
    - growth regulators 6702
    - mechanical methods 800, 7528
    - root pruning 800, 9423
- replanting
  - disorders 5847-5848
  - economics 5849

Apples *cont.*
reports
Australia 4817, 6607, 6609
Brazil 2121
Canada 11
Cyprus 9316
German Federal Republic 8456
Israel 7459
Netherlands 6616
Switzerland 15
UK 3025, 4825, 9320
USA 6623, 9321
Yugoslavia 7462
research, Sri Lanka 2896
respiration
inhibitors 1591
ripening 1591
storage 2215
ringing, responses 4935
roots
development
assessment 3111
cultural methods 5842
growth regulators 4905
interstocks 793
spacing 4900, 4905
histology 4934
rootstock scion relationships
biochemistry 72-73, 2159, 3116
compatibility 69, 2168, 4896, 9402
diseases 5833
growth 71-72, 790, 2167, 3092, 3095-3096, 3123, 4896, 4898, 4906, 4915, 4922, 5832, 5839, 7504, 8513, 8517
growth regulators 9395
pests 806
physiology 792, 2165, 9413
pruning 4915, 4921
storage 824
temperature 1559, 5843, 9411
water relations 7541
yields 785, 790, 2163, 3096-3097, 3123, 4889, 4898, 4906, 4915, 4921, 5832, 5868, 8513
rootstocks
assessment 3097, 9398, 9419
France 3935
Netherlands 3093-3096
USA 70
biochemistry 3098
burrknots 2167, 2185, 3960, 6714
characteristics, USSR 74
diseases 3094-3095, 7513
dwarfing 4896, 7513, 9403
growth 9400
morphology 9403
nutrition 7535
pests 2185, 5854
propagation
cuttings 791, 2166, 2171, 4897, 6695, 7511, 8514, 9397, 9399
layering 9398, 9400
seeds 2171
tissue culture 3933-3934, 4899, 6697
temperature 9396, 9400
salinity, tolerances 3101
seedlings
development
physiology 810
temperature 9429
treatment, growth regulators 6694
seeds
development, physiology 3976
dormancy
growth regulators 68
physiology 67, 7512
temperature 68
germination, ethylene 3031
treatment 85
shade, responses 2202
shoots
biochemistry
fruiting 8521
pruning 8521
composition 4937
development
cultivars 7519
fruiting 9467

Apples *cont.*
shoots *cont.*
development *cont.*
growth regulators 802, 1569, 2170, 2194, 3105, 5859, 6703, 8523
interstocks 7516
light 1579, 5861
physiology 5860
temperature 5861
snow, responses 7524
soil amendments 808, 9439
soil compaction, responses 2180, 3924
soil fumigation 5847-5848, 8524
soil management
responses 2180, 2193, 3946-3947
systems 808, 1573, 3924, 7529, 8518, 9382
soil pH, soil management 3946
soil sickness 4911, 6659, 8524
soil structure, soil management 2180
soil types 2153, 9431
soil water, responses 803, 1571, 3101, 9412
staking, systems 5851
storage
biochemistry 1590, 3973-3974, 8551-8553, 8555
cultivars 827, 2159, 3124, 4893, 5834, 6727
diseases 93, 785, 1592, 2217, 3975, 4949, 8501, 9437, 9471
disorders 93, 785, 823, 1593, 2218, 3124-3125, 3127, 3973, 4950-4951, 6708, 6725, 6728, 8499, 9470, 9472-9473
packing 824
pests 8451
physiology 822, 2214-2215, 7551, 8551, 8554
precooling 92, 821
quality
assessment 826, 4953
carbon dioxide 821
cultural methods 2216, 4889
growth regulators 815, 2211, 3126, 3972, 7550, 8549
harvesting 2207
nutrition 807, 3127, 6710, 6723, 6731, 9470
provenance 4894
rootstock scion relationships 792, 824
spacing 4880
storage dips
calcium chloride 3124, 4948, 8553
fungicides 93, 823, 3975, 4948-4949, 6665
mercuric chloride 8501
sucrose esters 2212
systems
assessment 93, 2206, 2211, 2213, 3126
cold storage 4893, 8544-8545, 8547-8548
reviews 7548
controlled atmosphere storage 94, 821, 1589-1590, 2210, 2214-2215, 3124-3125, 3972, 6725-6726, 6732, 8544-8547, 8549-8550, 9469
temperature 827, 7551
wraps 7551
suckers
control
growth regulators 77
herbicides 49
tissue culture
culture media 75
disorders, vitrification 6697
organogenesis 3099
propagation
micropropagation 75-76, 2129, 4899
techniques 3933-3934, 3936, 5837, 6697, 9407
protoplasts 2169
storage 795, 3923
topworking 2168, 9405-9406

Apples *cont.*
training
responses 801, 2163, 3104, 3944, 4901, 4918-4920, 5868, 7531
systems 801, 3078-3080, 3104, 4906, 4914, 4918-4922, 5850-5851, 7531
transpiration
antitranspirants 6715
drought 2191
flowering 9448
light 8536
measurement 2188, 4870
transport, systems, assessment 825
water relations
cultural methods 2156
diurnal variation 87, 3112
environment 3911
fruiting 4935
growth regulators 86, 2193, 9425
measurement 87, 2192, 8537, 9366
physiology 86, 2189-2190, 3118, 3911, 9416
ringing 4935
rootstock scion relationships 2165, 7541
seasonal variation 2193
weed control 78, 3938-3940, 4912, 5828, 6683, 6699, 7500, 8523, 9417
weeds, competition 3939
winter hardiness
assessment 2151
biochemistry 9450
cultivars 6690, 8505
interstocks 8515
yields
correlation 3123, 3971, 7521
diseases 9437, 9440-9441
energy 7318
forecasting 5846, 9457
fungicides 9441

Apricots
chilling requirement 8558
cultivars
assessment
France 3977
Romania 6737, 7554
USSR 3922, 7553, 8467
Yugoslavia 2223
biochemistry 6735
characteristics 2224
France 1595
Italy 4876
USSR 3979
chilling requirement 832
diseases 831, 3979, 4958
disorders 4958
dormancy 6736
pollination 4956
processing 7553
temperature 1558, 3978, 4955, 8558
topworking 3980
water relations 96, 6738, 8557
winter hardiness 6734, 8557
cuttings, types, summer cuttings 8498
diseases
Cytospora 4958
Eutypa armeniacae 2226
Gnomonia 4958
Monilia 4958
Pseudomonas syringae 3978, 8556
Rosellinia necatrix 3925
Valsa cincta 3978
Verticillium 4958
disorders, apoplexy 4958
dormancy, physiology 811
drought
resistance
cultivars 96
rootstocks 9378
economics
Czechoslovakia 3921
France 3075
Spain 3075
flowers
development, temperature 8558
initiation, physiology 8559
frost
injuries 1558

Apricots *cont.*
frost *cont.*
resistance, cultivars 4955, 6736, 7499
fruits
development
histology 9386
temperature 8558
set, growth regulators 4957, 4959
size, growth regulators 4959
fungicides, application 4835
growth regulators, paclobutrazol, responses 4957
handling, techniques 3132
interstocks 9378
irrigation
responses 2849, 3981
systems 3981
nutrition, potassium 8556
pests, *Enarmonia formosana* 3982
plant, composition, photosynthates 3983
planting, spacing 3078
planting stock, production, economics 3091
pollination, cultivars 4956
pollution
hydrogen fluoride 4435
ozone 4435
processing, cultivars 7553
production
Europe 3977
France 3977
slopes 2152
pruning
equipment 4835
systems, assessment 9418
wound dressings 2226, 4835
reports, Cyprus 9316
rootstocks
assessment 2225, 3131
characteristics 2224
physiology 9378
propagation
cuttings 8582
tissue culture 1596
seeds, treatment 85
shoots, development, growth regulators 4957
soil types 2153
topworking 3980
training
responses 7555
systems 3078-3080, 7555
water relations
cultivars 8557
environment 3911, 6738
physiology 3911
weed control 6683
winter hardiness
cultivars 6734, 8557
water relations 8557
Apsylla cistellata, mangoes 7408
Aptenia cordifolia, seeds, germination, water relations 4364
Aquaculture, water, utilization, soilless culture 5335
Aquilaria malaccensis, plant, composition, chromones 10043
Aquilegia, cultivars, assessment, German Federal Republic 9787
Aquilegia flabellata, flowers, colour, spectral data 5378
Aquilegia vulgaris, seeds, germination, inhibitors 2147
Arabidopsis thaliana, plant, composition, fatty acids 3891
Araceae
pollen, composition 2570
taxonomy
chemotaxonomy 2570
histology 5464
Arachniodes adiantiformis
cut foliage, vase life 1123, 2665, 6268
pests, Nematoda 6267
Aralia, transport, injuries 7903
Araliaceae, plant, composition, polyacetylenes, reviews 3069
Aranda, photosynthesis, CAM pathway 1205
Araneae, *Vaccinium corymbosum* 7625
Arantia rectifolia, oil palms 3818
Arbutus unedo
climate, requirements 9322
water relations, physiology 7047
Archips, apples 4932, 5856
Archips podanus, apples 3956
Archips rosanus
apples 3956
pears 853
Archontophoenix cunninghamiana, seeds, treatment 2707
Arctium lappa
plant, composition, acetylenes 7255
production, Morocco 9934
Arctostaphylos uva-ursi
cultivars, characteristics, Canada 8970
plant
composition
carbohydrates 9981
phenolic compounds 4542
tannins 556, 3649, 9980
Arctotheca calendula, as cover crops, temperate fruits 9333
Arctotis, plant, composition, anthocyanins 7096
Areca
economics, India 1448
intercropping, *Zingiber officinale* 4490
pesticides, application 3775
reports, India 1531
seeds, germination, humidity 4681
Areca catechu, plant, composition, tannins 555
Argemone mexicana, plant, composition 8904
Argentina, grapes, cultural methods 5102
Argylia radiata, plant, composition, glycosides 4543, 8181
Argyreia nervosa, plant, composition, oils 4544
Ariocarpus fissuratus, heat, resistance, physiology 7167
Ariocarpus trigonus, tissue culture, propagation, techniques 1830
Arisaema triphyllum, flowers, sex, physiology 7154
Armeniaca, wild plants, surveys, China 6678
Armillaria mellea, *Strelitzia reginae* 4371
Armoracia rusticana
plant
composition
enzymes 5350
sulphides 5437
volatile compounds 7762
plant extracts, application, ornamental plants 5437
tissue culture, propagation, meristems 9116
Arnebia decumbens, plant, composition, quinones 9147
Arnica, flowers, composition 1298
Arnica chamissonis, plant, composition, lactones 1299
Arnica montana, roots, composition 5583
Aronia melanocarpa
as weeds, *Vaccinium angustifolium* 5907
cultural methods, Czechoslovakia 4083
fruits, composition 4085
harvesting, techniques, assessment 4084
planting stock, production, techniques 3572
Arsenic
absorption, vegetables 4142
composition, grapes 7683
toxicity
horticultural crops 9333
spinach 6882
translocation, tomatoes 4327
Artemisia
cultivars, assessment, USSR 9129
leaves, composition 999
plant, composition, essential oils 9129
Artemisia absinthium, plant, composition, flavonoids 39
Artemisia abyssinica, plant, composition 3667, 8164
Artemisia annua
cultivars, assessment, USSR 9946
Artemisia annua *cont.*
plant
composition 1289, 5584
essential oils 9129
lactones 1938, 2766, 6359
terpenoids 1937
Artemisia argyi, plant, composition, lactones 6360
Artemisia aschurbajevii, plant, composition, lactones 6361
Artemisia balchanorum
plant
composition 2023
development, assessment 4497
Artemisia caerulescens, plant, composition, lactones 8182
Artemisia cina, plant, composition, flavonoids 6362
Artemisia dracunculus
diseases, *Puccinia dracunculina* 8137
plant, composition, essential oils 4498
propagation 1249
protected cultivation, cultural methods 7228
roots, histology 4498
Artemisia fragrans
plant
composition
essential oils 8129
lactones 6363-6364
Artemisia genipi, cultural methods, Italy 2735
Artemisia glabella, plant, composition, essential oils 510
Artemisia jacutica, plant, composition, essential oils 8126
Artemisia leucodes, plant, composition, lactones 8183-8184
Artemisia macrocephala, plant, composition, essential oils 8126
Artemisia mutellina, cultural methods, Italy 2735
Artemisia nilagirica, plant, composition, essential oils 1904
Artemisia pallens, plant, composition, essential oils 508
Artemisia persica, plant, composition, essential oils 510
Artemisia pontica, plant, composition, essential oils 8126
Artemisia rupestris, plant, composition, essential oils 510
Artemisia santonica, cultivars, assessment, USSR 9946
Artemisia scoparia, tissue culture, propagation, techniques 9148
Artemisia sieversiana, plant, composition, essential oils 8126
Artemisia spicigera, plant, composition, essential oils 8129
Artemisia sublessingiana, plant, composition, flavonoids 6365
Artemisia szowitsiana, plant, composition, essential oils 8129
Artemisia taurica
cultivars, assessment, USSR 9946
plant, composition, essential oils 9129
Artemisia tridentata, establishment, spoil banks 9890
Artemisia vulgaris
plant
composition 1289
coumarins 8185
Artichoke latent virus, globe artichokes 6891
Artocarpus (*see also* Breadfruits; Jackfruits)
Artocarpus anisophyllus, characteristics 10116
Artocarpus annulatus, characteristics 10116
Artocarpus dasyphyllus, characteristics 10116
Artocarpus elasticus, characteristics 10116
Artocarpus hypargyraeus, cultural methods, USA 3777
Artocarpus integer, characteristics 10116
Artocarpus lignanensis, cultural methods, USA 3777

Artocarpus nitidus, characteristics 10116
Asclepias curassavica
plant, composition, latex 5585
tissue culture, propagation, techniques 8187
Asclepias linaria, products, fuels 4610
Asclepias syriaca, tissue culture, organogenesis 8186
Asclepias tuberosa, tissue culture, organogenesis 8186
Ascocentrum, cultural methods 4424
Ascocentrum ampullaceum, characteristics 4424
Ascocentrum aurantiacum, characteristics 4424
Ascocentrum curvifolium, characteristics 4424
Ascocentrum miniatum, characteristics 4424
Ascocentrum pumilum, characteristics 4424
Ascochyta fabae, *Vicia faba* 4228
Ascogaster quadridentata, control, of *Cydia pomonella,* temperate fruits 3926
Ascorbic acid
composition
apples 90, 8518
Artemisia balchanorum 2023
black currants 136, 8632
broccoli 9655
cabbages 5997
cashews 4718
Citrus 4668, 10068
Coriandrum sativum 4472
fennel 2023
fungi 7083
Genipa americana 10225
Gynandropsis gynandra 2557
Helenium aromaticum 2023
Hippophae rhamnoides 5101, 7656
mangoes 4749, 5749
melons 6014
Perilla frutescens 5366
pineapples 10182
Prunus 4884
quinces 4884
radishes 8811
rhubarb 344
Solanum nigrum 2557
strawberries 887, 4884
Tagetes tenuifolia 2023
determination
apples, reviews 5867
guavas 4745
metabolism
biochemistry
fruit crops 5826
Petroselinum crispum 5826
vegetables 5826
cultivars, grapes 1639
cultural methods, vegetables 2339
environment, tomatoes 8909
growth regulators
Capsicum 393
tomatoes 6140, 7865
nutrition
lemons 3748-3749
tomatoes 3451
phosphorus, onions 4147
pollution, *Vicia faba* 6968
ripening
black currants 2277
Capsicum 9733
grapes 5151
Malpighia punicifolia 896
mangoes 9274
salinity, tomatoes 8934
seasonal variation
leeks 6864
lemons 3748-3749
Welsh onions 6864
storage
Actinidia chinensis 9535
black currants 2277
onions 3292
passion fruits 4677
watermelons 8847
water relations, *Vicia faba* 6061
Asimina triloba, reports, Australia 6609
Asparagus
allelopathy 3390, 5304
cultivars
assessment
Brazil 1722
Canada 6078-6079
New Zealand 3386, 4281-4282
Poland 4283, 6080
UK 6081
characteristics
Italy 2494
Taiwan 2495
USA 5303
diseases 5303, 6077
harvesting 2493, 2499
spacing 4284
storage 339
yields 4284
diseases
Phytophthora megasperma var. *sojae* 7826, 9726
Puccinia asparagi 6077
economics
France 3075
Spain 3075
forcing 9725
frost, resistance, surveys 5957
grading, techniques 2352
handling, techniques 6674
harvesting, frequency 2493, 2499, 3392
herbicides, residues 5306
hybrids, assessment, Brazil 1722
insecticides
injuries 2500
residues 1723
irrigation
responses 3391
water, sources 4846
mycorrhizas 2497, 3387
nutrition
deficiency 6981
nitrogen 341
phosphorus 341
potassium 341
pests, *Crioceris quatuordecimpunctata* 4285
plant, sex, physiology 1552
plant residues, toxicity 5305
planting
depth 340
spacing 340, 4284, 9725
planting stock
production, tissue culture 3388, 7092
storage 7944
production, Chile 4280
protected cultivation, systems, plastic tunnels 9725
reports
Australia 6609
Belgium 8452
Cyprus 9316
New Zealand 6617
UK 4826
respiration, temperature 2350
roots, exudates 3390
seedlings
development, plant residues 5305
production, cultural methods 3387
seeds, germination, inhibitors 5304
shoots
biochemistry, temperature 2498
quality, assessment 9725
soil management, responses 5307
spears, quality, storage 1049
storage 1048-1049, 4286
quality
cultivars 339
insecticides 2500
tissue culture
propagation 3388
techniques 7825
weeds, competition 2496
yields
cultural methods 3389
diseases 7826, 9726
Asparagus aethiopicus, taxonomy, nomenclature 6269
Asparagus densiflorus
photosynthesis
biochemistry 3559
physiology 6270
taxonomy, nomenclature 6269
Asparagus racemosus
plant, composition, volatile compounds 215
tissue culture, propagation, techniques 2767
Asparagus setaceus
cut foliage, production, cultural methods 6271
seeds, germination 2652
Aspergillus candidus, *Psophocarpus tetragonolobus* 7823
Aspergillus flavus
onions 4148
Psophocarpus tetragonolobus 7823
vegetables 925
Aspergillus glaucus, *Psophocarpus tetragonolobus* 7823
Aspergillus niger
control, of *Meloidogyne incognita,* tomatoes 372
grapes 2317
okras 7828
onions 4148
peaches 8501
vegetables 925
Asphodeline, plant, vascular system 9872
Asphodelus, plant, vascular system 9872
Asphodelus tenuifolius, plant extracts, utilization, insect repellents 7251
Aspidiotiphagus citrinus, control, of *Aspidiotus nerii,* lemons 6478
Aspidiotus nerii, lemons 6478
Aspidosperma, plant, composition, alkaloids 7290
Aspilia pluriseta, plant, composition, terpenoids 1300
Aster
flowers, development, growth regulators 6669
plant, composition, anthocyanins 7096
Aster amellus, tissue culture, responses, salinity 8024
Aster, China (*see Callistephus chinensis)*
Aster novi-belgii, cultivars, assessment, German Federal Republic 9787
Aster ringspot virus, *Callistephus chinensis* 3504
Aster tripolium
nutrition, nitrogen 6906
tissue culture, responses, salinity 8024
Aster yellows, *Callistephus chinensis* 3504
Astilbe
cultural methods, pot plants 8994
cut flowers, vase life 7942
growing media, composition 8994
pests, *Otiorhynchus* 5376
Astilbe chinensis, cultivars, assessment, German Federal Republic 9787
Astragalus arguricus, plant, composition, flavonoids 6366
Astragalus bungeanus, plant, composition, flavonoids 6366
Astragalus circassicus, plant, composition, flavonoids 6366
Astragalus dasyanthus
plant, composition, glycosides 4545
seeds, germination 9982
Astragalus glycyphyllos
plant
composition
flavonoids 1301
terpenoids 7262
Astragalus goktschaicus, plant, composition, flavonoids 6366
Astragalus interpositus, plant, composition, flavonoids 6366
Astragalus pamirensis, plant, composition, glycosides 8188
Astragalus pterocephalus, plant, composition, glycosides 8188
Astragalus sevangensis, plant, composition, flavonoids 6366
Astragalus sieversianus, plant, composition, saponins 7263
Astragalus trigonus, plant, composition, glycosides 1302

Astroloba, plant, vascular system 9872
Astrophytum, protected cultivation, temperature 2647
Astrophytum asterias, tissue culture, propagation, techniques 1830
Astrophytum myriostigma
grafting 7169
rootstock scion relationships, growth 7169
Astrophytum ornatum, flowers, composition 9036
Atemoyas
cold, injuries 8370
flowers, initiation 7385
fruits
development, physiology 7386
set, growth regulators 6515
storage, temperature 1447
tissue culture, propagation, techniques 1446
Atherurus africanus, oil palms 8406
Atriplex halimus
landscaping, coastal areas 4875
photosynthesis, biochemistry 1549
Atriplex nummularia, landscaping, coastal areas 4875
Atriplex portulacoides, landscaping, coastal areas 4875
Atropa, plant, composition, alkaloids 9145
Atropa belladonna
growth regulators, GA, responses 4546
nutrition, nitrogen 4547
plant, composition, alkaloids 1939, 8189, 9149
pollen, germination, boron 563
seeds
development, embryology 3073
treatment 9149
tissue culture, metabolites, production 8250, 9150
Atylosia scarabaeoides, leaves, composition 1303
Aubergines
cultivars
anatomy 7845
assessment
India 4300
Libya 2337
Netherlands 6097, 7001
characteristics, USA 8721
diseases 1061
disorders 6097
drought 6096, 7845
pests 7000, 7850
protected cultivation 7001, 7846, 8888
temperature 8902
water relations 8901
cultural methods, Tanzania 2336
diseases
Alternaria alternata 3407
Botrytis cinerea 1063
Leveillula taurica 2503
Pseudomonas solanacearum 1061, 5318
Verticillium albo-atrum 7003
Verticillium dahliae 6190
disorders
calyx withering 6097
chilling injury 9735
drought, resistance, cultivars 6096
flowers, development, irrigation 2509
fruits, development, irrigation 2509
grading, techniques 2352
insecticides, residues 7006, 7851
irrigation
economics 349
fertilizers, application 5312
responses 351, 2509
leaves
composition 1066, 7007
development, biochemistry 765
mulching 6190
responses 8726
mycorrhizas 7003
nutrition
calcium 5318
nitrogen 349, 351, 4289, 5312, 5318, 7004-7005
phosphorus 4289, 7004
potassium 4289, 7004
Aubergines *cont.*
pests
Amrasca biguttula 7006
Aphididae 6855
Aphis gossypii 7006
Epilachna vigintioctopunctata 7849
Euzophera perticella 7850
integrated control 2346
Jacobiasca lybica 6100
Leucinodes orbonalis 7006, 7849
Meloidogyne incognita 352-353, 1064-1065, 8904
Meloidogyne javanica 1064
Myllocerus subfasciatus 6099
Nematoda 7004, 7847-7848
Scrobipalpa blapsigona 7000
Scrobipalpa heliopa 6100
supervised control 2346
Tetranychus cinnabarinus 4302, 7006
Tylenchorhynchus brassicae 8904
plant
composition
enzymes 8905
polysaccharides 8905
planting, spacing 4301
pollination, pollinators, Apoidea 5319
pollution, smoke 8903
protected cultivation
carbon dioxide 7005
cultivars 6097, 7001, 7846
cultural methods 8888
Italy 6625
pests 5165
planting stock 7014
soilless culture 6124
systems, plastic film 3054
reports
Belgium 8452
Cyprus 9316
German Federal Republic 8456
India 3022, 6614-6615
Sarawak 6619
roots
development, assessment 7845
physiology 9734
rootstock scion relationships
pests 348
yields 6098
seeds
production 5320
sowing, sowing date 7014
treatment 925, 2508, 6087
soilless culture
cultural methods 8727
growing media 6656
nutrient solutions, composition 350, 7005
systems, hydroponics 5960
storage, disorders 9735
taxonomy 3396
chemotaxonomy 7470
tissue culture, propagation, protoplasts 7002
transpiration, physiology 8901
weed control 1062, 8725
Aucuba, frost, injuries 411
Aucuba japonica
cultural methods, pot plants 413
weed control 5374
Aulacophora foveicollis, melons 1000, 4198-4199
Aureobasidium, control, of *Botrytis cinerea,* grapes 5938, 8710
Auricularia auricula, composition 2566
Australia
bananas, cultivars 10117
Chamelaucium 1883
Chamelaucium uncinatum, cultivars 1235
coffee, economics 3798
cucumbers, cultivars 4187
Cycadaceae 1231
Euphrasia, species 1136
foliage plants, wild plants, surveys 9035
fruit crops, cultural methods 1390
grapes, cultural methods 5103
guavas, cultivars 7406
horticultural crops, wild plants, surveys 4830
Litchi, cultivars 8346, 9245
Australia *cont.*
mangoes
cultivars 10158-10160
cultural methods 10151
diseases, surveys 10162
production 10152-10153
onions, cultivars 4146
Rhododendron, cultural methods 1864
Santalum acuminatum, wild plants, surveys 5734
Austria, grapes, cultural methods 5104, 8698
Avena, as weeds, peas 6972
Avena fatua
as weeds
Anethum graveolens 8127
small fruits 3077
temperate fruits 3077
Avena sterilis, as weeds, onions 8751
Averrhoa bilimbi, plant, morphology 10114
Averrhoa carambola
cultivars, nutrition 2102
fruits, composition 8371
reports, Australia 4817
soil pH, responses 2102
Avocados
cold, injuries 8370
cultivars
biochemistry 2036, 10054-10055
characteristics, Israel 8318, 10050-10051
harvesting date 10054
nutrition 6457
pollination 6458
propagation 2830
cultural methods
Australia 1390
Brazil 7309
India 4621
Italy 6455
diseases
control, Brazil 34
Phytophthora 6658
Phytophthora cinnamomi 2834, 3733, 5659
disorders, lethal stem pitting 2833
economics, Brazil 5656
flowers, development, physiology 10085
frost
injuries, surveys 5808
tolerances 4620
fruits
browning, biochemistry 6667
composition 9220, 10055
development
biochemistry 2036
cobalt nitrate 1393
ripening
biochemistry 7382
physiology 7316-7317
size, pruning 10052
grafting, techniques, assessment 2830
growth regulators, ethylene, biosynthesis 1393
harvesting
harvesting date, assessment 2835, 10054
seasons 2037
irrigation
responses 5658
water, salinity 5657
nutrients, requirements, assessment 7310
nutrition 6456
green manures 7315
manures 6457, 7314
phosphorus 1392
potassium 1392
pests
Amorbia cuneana 9219
Boarmia selenaria 10053
Cryptoblabes gnidiella 10053
integrated control, reviews 7490
Sabulodes aegrotata 9219
plant
composition 1283, 4536
enzymes 8319
growth regulators 4622, 7317
development, phenology 2899

Avocados *cont.*
planting stock
production
techniques 2830
tissue culture 2832
pollination, cultivars 6458
production
Brazil 2829, 6624
Spain 6513
pruning
responses 10052
systems, growth regulators 2831
reports
Argentina 9314
Australia 6609
Cyprus 9316
Israel 7459
South Africa 3024, 9318
research
Sri Lanka 2896
Tuvalu 3888
roots, development, irrigation 5658
rootstocks
propagation, cuttings 7313
salinity 1391
soil pH 1391
soil amendments 7315
soil pH, responses 3733
soil water, responses 3733
storage
quality, water relations 2836
systems, cold storage 5735
tissue culture, propagation, techniques 2832
topworking 2831
water relations
environment 3911
physiology 3911
yearbooks 2111
yields, energy 7318
Axonopus compressus, as weeds, oil palms 1489
Azadirachta indica
fruits, composition 6367
irrigation, water, salinity 6305
leaves, composition 1304
plant
composition 543, 1924, 1927, 7252, 8164, 9214, 9961
tannins 9958
terpenoids 3596
plant extracts 540
products, oilseed cakes 5560
seeds, composition 544-547, 2018, 2753, 3491, 4527, 5559, 6203, 8149
Azaleas (*see Rhododendron*)
Azotobacter
inoculation, cashews 4695
populations, rhizosphere, sugarcane 712
Baccharis coridifolia, plant, composition, glycosides 3668
Baccharis genistelloides, plant, composition 6368
Baccharis halimifolia, landscaping, coastal areas 4875
Baccharis megapotamica, plant, composition 3669
Baccharis patagonica, tissue culture, propagation, techniques 4433
Baccharis trinervis, plant, composition 5586
Bacillus fastidiosus, populations, tissue culture, *Actinidia chinensis* 6779
Bacillus subtilis
control
of *Fusarium oxysporum* f.sp. *dianthi,* carnations 7101
of *Fusarium solani, Vicia faba* 4231
of *Rhizoctonia solani,* coffee 2924
of *Uromyces appendiculatus, Phaseolus vulgaris* 2467
Bacillus thuringiensis
control
of *Boarmia selenaria,* avocados 10053
of *Cryptoblabes gnidiella*
avocados 10053
grapes 9585
of *Cydia pomonella,* apples 4932
Bacillus thuringiensis *cont.*
control *cont.*
of *Diaphania nitidalis,* melons 6025
of *Eupoecilia ambiguella,* grapes 8711
of *Euproctis chrysorrhoea,* apples 7539
of *Hyphantria cunea*
mulberries 8575
woody plants 9065
of *Leptinotarsa decemlineata,* tomatoes 4323
of *Lobesia botrana,* grapes 5942, 8711-8712
of *Lymantria dispar,* woody plants 9065
of *Mamestra brassicae,* cabbages 6003
of Noctuidae, vegetables 2345
of *Panonychus citri,* mandarins 5696
of *Perileucoptera coffeella,* coffee 684
of *Phyllocoptruta oleivora,* mandarins 5696
of *Pieris brassicae, Brassica* 5218
of *Thaumetopoea pityocampa,* woody plants 9065
of Tortricidae
Actinidia chinensis 7586
apples 5856
of *Zeuzera pyrina,* apples 8535
Bacteria
populations
cut flowers 7920
growing media, vegetables 2525
Bactericidal plants, surveys, Sudan 1286, 3659, 4535
Bactericidal properties
Abrus schimperi 3659
Acacia mellifera 3659
Adansonia digitata 9959
Alchornea cordifolia 8177
Algae 4537
Alpinia galanga 3631
Argyreia nervosa 4544
Aspilia pluriseta 1300
Cassia obtusifolia 9160
Ceiba pentandra 9959
celery 553
Centaurea phyllocephala 5593
Ceratostigma plumbaginoides 2022
Ceratostigma wilmottianum 2022
Cinnamomum 5533
Cymbopogon citratus 8218
Cymbopogon nervatus 3659
Dentaria micrantha 2022
Desfontainia spinosa 5576
Elettaria cardamomum 5533
Entada africana 3659
Erythroxylum argentinum 5576
Euphorbia scordifolia 3659
Flemingia stricta 1925
Ginkgo biloba 5521
Gomphrena 5576
guavas 9959
Heliotropium europaeum 554
Heliotropium ramosissimum 554
Hemidesmus indicus 586
Heterotheca camporum 10046
Hibiscus sabdariffa 559
Hypericum triquetrifolium 554
Jatropha podagrica 3688-3689
Lawsonia inermis 559
Lomatium dissectum 5613
mangoes 9959
Melia azedarach 6317
Mentha piperita 553
Myristica fragrans 5533
Myrtus communis 554
Ocimum sanctum 7243
oil palms 9959
Okoubaka aubrevillei 1982
Ononis natrix 4576
pawpaws 9959
Pergularia extensa 3703
Phaulopsis falcisepala 3704
Piper nigrum 5533
Poa huecu 5576
Ramalina yasudae 4596
Rehmannia glutinosa 8281
Bactericidal properties *cont.*
Rosmarinus officinalis 5537
Salvia officinalis 5537
Satureja montana 1266
Senecio 5576
Sideritis 5632
Spondias mombin 8177
Syzygium aromaticum 5533
Tabernaemontana dichotoma 1371
Thymus vulgaris 5537
Tribulus alatus 5642
Urtica dioica 9204
Usnea rubescens 4596
Vigna luteola 5576
Wedelia glauca 5576
Zoegea leptaurea 554
Bactericides (*see also* Antibiotics)
Bactris
pollination, pollinators, insects 1522
products, reviews 9213
Bactris gasipaes
reviews 5784
tissue culture, propagation, techniques 5785, 6587
Balanites aegyptiaca
cultural methods, Gambia 6598
fruits, composition 6588
plant, composition, sapogenins 1305
Balanites orbicularis, seeds, composition 1380
Ballota nigra, plant, composition, flavonoids 9983
Balsamocitrus paniculata, diseases, *Sphaeropsis tumefaciens* 9236
Banana mosaic virus, bananas 7389
Bananas
cold, injuries 8370
conferences 1530
cover crops, cultural methods 10120
cultivars
assessment
Australia 10117
Cuba 2069
Israel 1449
Mexico 7388
biochemistry 1460
characteristics, Cuba 10118
growth 8373
nutrition 10125-10126
pests 7387
propagation 656
temperature 8373
cultural methods
Cameroon 7393, 8372
Canary Islands 10119
Israel 6518
Tuvalu 3888
defoliation, responses 3779
diseases
banana mosaic virus 7389
Botryodiplodia theobromae 665
Colletotrichum musae 7398
control, Brazil 34
Mycosphaerella musicola 1458, 2069, 10118
Verticillium theobromae 1459
flowers
development, cover crops 10120
initiation, nutrition 658
fruits
browning, biochemistry 6667, 7395
composition 7383, 9256
development
biochemistry 662
growth regulators 10130
ripening 1463
acetylene 7397
biochemistry 1461, 2073, 7382
ethylene 2902
growth regulators 2074, 7396, 10132
physiology 664
storage 663, 2902, 3782, 6524, 7397
temperature 10132
growth regulators
2,4-D, responses 10130
GA, responses 10130
2,4,5-T, responses 10130
TIBA, responses 10130

Bananas *cont.*
harvesting
harvesting date
assessment 2074
planting 8375
intercropping
cocoa 4730, 6530
coconuts 4730
irrigation
economics 5739
requirements, determination 8376
responses 6520
systems 5738-5739, 6520
water, salinity 8377
leaves
biochemistry, temperature 4684
development
spacing 1453
temperature 1453
mulching
materials 2071
responses 2071, 9258, 10121
nutrients
absorption, temperature 1454, 10122-10124
requirements, analysis 4684, 6521, 8379
nutrition
boron 1457
nitrogen 658, 1455, 4685, 6522, 7394, 9258
phosphorus 10125-10126
potassium 1456, 10127
pests
Helicotylenchus dihystera 4686
Meloidogyne arenaria 4686
Nacoleia octasema 3780
Opisina arenosella 673
Radopholus similis 659-660
Scirtothrips aurantii 10128
Tetranychus tumidus 7387
Thrips pusillus 10128
plant
biochemistry, temperature 6521
composition 7257
ascorbic acid 5826
enzymes 1461, 7395
fatty acids 6857
heavy metals 3920
waxes 1460
morphology 661
plant residues, utilization, mulches 2071, 4252
planting
seasons 657, 8375, 10131
spacing 1453, 4687, 7391, 8374, 10131
systems 2070
planting stock
production
containers 7170
tissue culture 1450, 2901, 6517, 7389, 9257
size 7390
production
Brazil 6624, 7378
Spain 6513
protected cultivation, systems, greenhouses 10119
pruning, responses 8378
ratooning 5737
reports
Australia 4817, 6607
Brazil 743
Colombia 3020
Cyprus 9316
India 3022, 6614
Israel 7459
Malaysia 3884
South Africa 3024, 9318
research, Sri Lanka 2896
roots, development, spacing 4687
salinity, tolerances 6523
soil management, responses 7393
soil pH, responses 7392
soil types 2994, 7392
statistical methods, experimental designs 6516
storage 3781-3782
diseases 665, 7398
packing 2902

Bananas *cont.*
storage *cont.*
physiology 664, 1462
storage dips
fungicides 7398
growth regulators 4688
sucrose esters 2902, 4688
waxes 2902
systems
cold storage 5735
controlled atmosphere storage 663
temperature 5740, 6524, 7397
suckers, production, cultural methods 4682
tissue culture
explants, sources 2072
organogenesis 1451
propagation
meristems 7389
micropropagation 656, 3778
techniques 1450, 1452, 2901, 6517, 9257
storage 4683
transpiration 8380
water relations, seasonal variation 10129
weed control 6519
yields
correlation 658, 8374-8375, 10131
defoliation 3779
Bandicota bengalensis, rubber 2092
Bangladesh, tea, production 9298
Banksia, grafting, techniques, assessment 6285
Banksia prionotes
pollination
pollinators
Lichmera indistincta 8101
Phylidonyris novaehollandiae 8101
Banksia speciosa, trichomes 6181
Baptisia tinctoria, plant, composition 1306
Barbarea vulgaris
as weeds
cucumbers 5240
strawberries 145
Bark
utilization
fertilizers, onions 2362
growing media
Anthurium andreanum 5411
carnations 1766
Chamelaucium uncinatum 9918
cherries 2231
chrysanthemums 6197
Cissus antarctica 9034
container grown plants 1851, 2425
cucumbers 2419-2420, 2423-2424
foliage plants 4423, 8029, 9875
fungi 1105
Gerbera 419
hyacinths 9016
Impatiens walleriana 430
Juniperus 1213
lettuces 3315
ornamental plants 3564
Pelargonium 1782
Philodendron scandens 9034
pot plants 455
tomatoes 361-363, 366, 2420, 8029, 8926
vegetables 200
woody plants 1851
mulches
apples 3103, 9417
ornamental plants 2678, 6179
Vaccinium vitis-idaea 7617
soil amendments
apples 9439
cucumbers 9682
lawns and turf 3550
strawberries 8674
woody plants 491
Barleria lupulina, plant, composition, iridoids 6369
Basella alba, nutrition 6164
Basil, sweet (*see Ocimum basilicum*)

Bauhinia, planting stock, production, containers 9064
Bauhinia candicans, leaves, composition 8190
Bauhinia racemosa, plant, composition, phenolic compounds 7264
Bauhinia variegata, cultural methods, containers 5483
Bay laurel (*see Laurus nobilis*)
Bean common mosaic virus, *Phaseolus vulgaris* 5261, 6038
Bean yellow mosaic virus, *Phaseolus vulgaris* 2462, 9698
Beans (*Cyamopsis*) (*see Cyamopsis tetragonoloba*)
Beans (*Phaseolus*) (*see Phaseolus*)
Beans (*Vicia*) (*see Vicia faba*)
Beauveria bassiana
control
of *Hyphantria cunea,* mulberries 8575
of *Thrips tabaci,* cucumbers 7782
of *Zeuzera pyrina,* apples 8535
Bedding plants
reports
UK 4827
USA 9321
seedlings
production
containers 4347
cultural methods 7943
equipment 7892
Bees (*see* Apoidea)
Beesia calthaefolia, rhizomes, composition 7265
Beet western yellows virus, radishes 9668
Beetroots
cultivars, assessment, Norway 8768
cultural methods, Netherlands 9622
cytology 9625
diseases, *Pleospora betae* 2369
growth regulators 946
benzimidazoles, responses 947
chlormequat, responses 7716
heat, resistance, physiology 5185
herbicides, injuries 4139
insecticides, residues 3263
intercropping, *Curcuma longa* 4477
irrigation, responses 3275, 3295
leaves, senescence 4866
nutrients, requirements, analysis 8730
nutrition
boron 2344, 9624
manures 2343
nitrogen 3275, 3295, 7691
phosphorus 7691
potassium 7691
plant
composition
calcium 5184
enzymes 1659, 2370, 6878-6879
magnesium 3275
phosphorus 3275
pigments 223
potassium 3275
sugars 5183
development, assessment 945
thinning, responses 945
reports
Australia 4817
UK 4826
respiration, physiology 7715
roots
biochemistry, growth regulators 947
composition 9626
cytology 3296
mechanical properties, assessment 934
size, spacing 945
seeds
production 3297
cultural methods 6877
sowing 945, 4151
spacing 4151
treatment 946, 2368, 9623
soil pH, responses 8729
water relations, physiology 9624
weed control 6877
Begonia
cultivars
diseases 435

Begonia *cont.*
cultivars *cont.*
photoperiodism 1799
propagation 435
protected cultivation 2614
temperature 1799
cultural methods, pot plants 413, 1123, 1185, 2614, 6177, 7097
cuttings, rooting, growing media 9009
diseases, viruses 435
fungicides
injuries 8973
tolerances 8973
growth regulators, paclobutrazol, responses 7894
planting stock, production, tissue culture 7092
protected cultivation
humidity 9010
light 7899
reports, USA 6623
water relations, measurement 7468
Begonia cheimantha, cultural methods, pot plants 7963-7964
Begonia coccinea, tissue culture, propagation, techniques 1797
Begonia cumingii, cultural methods, pot plants 7961
Begonia grisea, characteristics 7962
Begonia heracleifolia, water relations, physiology 6231
Begonia hiemalis
flowers
development
humidity 9790
photoperiodism 1800
drop 3516
irrigation, frequency 9042
plant, development, humidity 9790
protected cultivation
carbon dioxide 1798
light 1798
tubers, development, photoperiodism 1800
Begonia lachaoensis, characteristics 1147
Begonia macduffieana, characteristics 4377
Begonia masoniana
cuttings, rooting, growing media 1822
photoperiodism 7134
plant, composition, growth regulators 7134
Begonia maxima, weed control 5374
Begonia nelumbifolia, water relations, physiology 6231
Begonia partita, cultural methods, pot plants 1132
Begonia rex
propagation 1796
tissue culture, propagation, techniques 1796
Begonia semperflorens
dwarfing, growth regulators 5379
herbicides, injuries 6174-6175
seedlings, production, growing media 6172
weed control 6175
Belamcanda chinensis, seeds, development, embryology 3073
Belgium
broccoli, cultivars 6907
cabbages, cultivars 7746
cauliflowers, cultivars 8454
cherries, cultivars 6742
endives, cultural methods 237
horticultural crops, protected cultivation, systems, plastic film 5827
leeks, cultivars 8741
marrows, cultivars 989
Pleurotus, cultural methods 6170
plums
cultivars 6761, 6764
cultural methods 123, 6761
Rhododendron, cultivars 9083
roses, cultivars 8078
small fruits, cultural methods 3188
strawberries, cultivars 143, 9559
Bellis perennis, plant, composition, anthocyanins 7096
Belonolaimus longicaudatus
Citrus 2861
lawns and turf 3552
Belonolaimus longicaudatus *cont.*
tomatoes 6131
Beloperone guttata, cultural methods, pot plants 3503, 9098
Bemisia tabaci
Cucurbitaceae 2435
tomatoes 4321, 6133
Benincasa, as rootstocks, melons 2410
Berberis
cultivars
characteristics 4461
propagation 4461
tissue culture, biochemistry 1940
wild plants, surveys, China 6678
Berberis aggregata, plant, composition, enzymes 5587, 8191
Berberis beaniana, plant, composition, enzymes 1233, 5587
Berberis stolonifera, plant, composition, enzymes 5587
Berberis thunbergii
planting stock
overwintering 5481
production, containers 7207
pollution, tolerances 475
Berberis wilsoniae, plant, composition, enzymes 5587, 8191
Berchemia racemosa, plant, composition, quinones 9151
Bergenia, cultivars, assessment, German Federal Republic 9787
Bermuda grass (*see Cynodon*)
Bersama abyssinica
plant, composition 3670
taxonomy, chemotaxonomy 3670
Bertholletia (*see also* Brazil nuts)
Beryllium, toxicity, onions 5972
Beta (*see also* Beetroots; Spinach beets)
Betacyanins
metabolism
alcohols, beetroots 5185
calcium, beetroots 5185
sugars, beetroots 5185
temperature, beetroots 5185
tissue culture, *Gomphrena globosa* 3507
Betula
as weeds, *Vaccinium angustifolium* 5906
planting stock, defoliation 4434
Betula alba
as rootstocks
Betula nana 1850
Betula utilis 2675
Betula albosinensis, landscaping, urban sites 4432
Betula alleghaniensis, pollution, acids 3354
Betula jacquemontii, taxonomy, nomenclature 1881
Betula nana, grafting, techniques 1850
Betula pendula
cuttings 1211
flowers, composition 8169
planting stock, production, containers 2676
pollution, tolerances 475
Betula platyphylla
cuttings, types, summer cuttings 1234
landscaping, urban sites 4432
planting stock, production, tissue culture 9099
Betula pubescens, frost, resistance, tests 411
Betula septentrionalis, landscaping, urban sites 4432
Betula utilis
landscaping, urban sites 4432
taxonomy, nomenclature 1881
Betula utilis* var. *jacquemontii, planting stock, production, protected cultivation 2675
Betulaceae, taxonomy, morphology 9093
Bicarbonates, composition, coconuts 7402
Bidens aurea, plant, composition 4548
Bidens bipinnata, plant, composition, essential oils 9965
***Bidens* mottle virus,** lettuces 4160
Bidens pilosa
as weeds, *Phaseolus vulgaris* 5265
plant, composition 8156
Biennial bearing (*see* Irregular bearing)
Bifora testiculata, plant, composition, phthalides 405
Bifurcaria bifurcata, plant, composition, terpenoids 4549
Bilberries (*see Vaccinium*)
Bilderdykia convolvulus, as weeds, vegetables 4141
Billbergia windii, plant, composition, growth regulators 9865
Biological control
Acari, peaches 5884
Adoxophyes, tea 8431
Agrotis segetum, lettuces 4167
Aleurocanthus woglumi, Citrus 631
Amorbia cuneana, avocados 9219
Aonidiella aurantii, lemons 632
Aphididae, vegetables 6855, 7801
Aspidiotus nerii, lemons 6478
Boarmia selenaria, avocados 10053
Botrytis cinerea
Cyclamen 5431
grapes 5938-5939, 8710
Brevicoryne brassicae, cabbages 9663
Ceroplastes destructor
Citrus 7349
ornamental plants 7349
Ceroplastes rusci, mandarins 10081
Conopomorpha cramerella, cocoa 7401
Cryptoblabes gnidiella
avocados 10053
grapes 9585
Cydia pomonella
apples 4932
temperate fruits 3926
Diatraea saccharalis, sugarcane 2986-2987
diseases
Citrus, reviews 2859
grapes, reviews 2315
horticultural crops 5820
ornamental plants 6180
Eldana saccharina, sugarcane 3843
Eupoecilia ambiguella, grapes 8711
Euproctis chrysorrhoea, apples 7539
fungi, carrots 6157
Fusarium equiseti, Zingiber officinale 503
Fusarium oxysporum f.sp. *dianthi,* carnations 2579, 7101
Fusarium solani, Vicia faba 4231
Glomerella tucumanensis, sugarcane 715
Gonipterus scutellatus, Eucalyptus 2712
Helix aspersa, Citrus 1414
Homona magnanima, tea 8431
Hyperomyzus lactucae, lettuces 6903
Hyphantria cunea, mulberries 8575
Leptinotarsa decemlineata, tomatoes 4323
Liriomyza, tomatoes 2537
Liriomyza trifolii, Gerbera 6208
Lobesia botrana, grapes 8711-8712
Maconellicoccus hirsutus, grapes 184
Mamestra brassicae, cabbages 6003
Melanagromyza hibisci, okras 343
Meloidogyne
vegetables 932
Vigna unguiculata 1279
Meloidogyne incognita, tomatoes 372-373, 2536
Mycocentrospora acerina, carrots 3327
Myzus persicae, vegetables 7045
Nematoda, melons 999
Opisina arenosella
bananas 673
coconuts 673
Oryctes monoceros, Palmae 0Cviruses, control, of *Oryctes monoceros,* Palmae 7Zbooks, integrated control, pests, palms 6597
Oryctes rhinoceros, coconuts 675, 8388-8389
Otiorhynchus rugifrons, ornamental plants 5376
Otiorhynchus sulcatus
ornamental plants 5376
strawberries 7649

Biological control *cont.*
Panonychus citri, mandarins 5696
Panonychus ulmi
apples 9443
grapes 2318
Perileucoptera coffeella, coffee 684
pests
Citrus, reviews 2859
grapes, reviews 2315
greenhouse crops, books 8439
horticultural crops, Caribbean 2
woody plants 9065
Phomopsis sclerotioides, cucumbers 7781
Phyllocoptruta oleivora, mandarins 5696
Phyllotreta cruciferae, cabbages 9663
Phytophthora cactorum, apples 83
Phytoptus avellanae, hazelnuts 2241
Pieris brassicae, Brassica 5218
Pieris rapae, cabbages 9663
Planococcus ficus, grapes 921
Pyrilla perpusilla, sugarcane 7431
Pythium pleroticum, Zingiber officinale 503
Pythium ultimum, cress 3327
Rhizoctonia solani
coffee 2924
lettuces 4166
radishes 985, 8814
tomatoes 2535
Rosellinia necatrix
almonds 9442
apples 9442
Sabulodes aegrotata, avocados 9219
Scirtothrips citri, Citrus 4652
Sphaerotheca fuliginea, cucumbers 8842
Synanthedon culiciformis, Alnus 9097
Synanthedon resplendens, Platanus 9097
Tetranychus cinnabarinus
aubergines 4302
globe artichokes 4302
Tetranychus urticae
apples 809
Cucurbitaceae 2436
greenhouse crops 5165, 6662
Solanaceae 2436
strawberries 3207
Thysanoplusia orichalcea, Coriandrum sativum 500
Thysanoptera
Capsicum 8897
greenhouse crops 6662
Tirathaba rufivena, coconuts 675
Tortricidae, *Actinidia chinensis* 7586
Trialeurodes vaporariorum
Cucurbitaceae 2436
greenhouse crops 1084, 2347, 5165, 6662
Solanaceae 2436
tomatoes 2345, 2537, 5339
Unaspis yanonensis, Citrus 5698, 7350
Uromyces appendiculatus
greenhouse crops 6662
Phaseolus vulgaris 2466-2467
Uromyces dianthi, greenhouse crops 6662
Zeuzera pyrina, apples 8535
Birds
cherries 1601
pears 119, 5044
Vaccinium 7628
Bismuth, composition, coconuts 2908
Black currants
cultivars
assessment
Norway 4056
Poland 2272
USSR 3190, 6786, 8629
biochemistry 136, 8632
cultural methods 9537
diseases 4056
processing 3190
cultural methods
Belgium 3188
France 5900
Norway 7591
cuttings, rooting, physiology 7593
Black currants *cont.*
diseases
Cronartium ribicola 8631
Sphaerotheca mors-uvae 8631
drought, resistance, physiology 135
flowers
development, assessment 5901
initiation
growth regulators 5377
photoperiodism 5377
frost, resistance, growth regulators 1568
fruits
biochemistry, size 136
composition 870, 8632
development
environment 9539
histology 9386
ripening
biochemistry 2277
storage 2277
harvesting, techniques, mechanical harvesting 3194, 7609, 8630
hybrids, biochemistry 8632
insecticides, determination 38
irrigation, responses 7596
mulching, responses 9537
nutrition 3192
green manures 3193
manures 3194, 7596
nitrogen 2276, 7535, 9538
phosphorus 3194, 7535, 9538
potassium 2276, 3194, 9538
pests
Agrotis segetum 6790
biological control, books 8439
plant
composition
ascorbic acid 136
organic acids 136
sugars 136
planting stock, size 7592
processing, cultivars 3190
pruning, systems, assessment 2274, 8630
reports
Canada 9313
German Federal Republic 8456
Irish Republic 9317
Netherlands 6616
Switzerland 7461
UK 4825, 6621, 9320
shoots, development, fruiting 7597
soil amendments 9538
soil management
responses 3193
systems 3193
soil water, responses 7595
weed control 137, 7594, 9536
weeds, competition 3191
Black currants × gooseberries, fruits, composition 870
Blackberries
chimaeras 5073
cultivars
assessment
Israel 2279
Poland 2280
characteristics, Italy 4876
history, USSR 131
irrigation 138
propagation 9541
pruning 138
winter hardiness 4877, 8634
cultural methods
Belgium 3188
biennial cropping 877
mechanization, reviews 3197
cuttings, types, summer cuttings 9541
diseases, *Kuehneola uredinis* 9542
fruits, composition 870, 5075
harvesting, techniques, mechanical harvesting 3197
herbicides, residues 5074
irrigation, responses 138
leaves, development, tissue culture 6788
planting stock, production, tissue culture 6788
reports
Netherlands 6616
Switzerland 7461
Blackberries *cont.*
reports *cont.*
UK 4825
storage
quality, cultural methods 5078
systems, assessment 5078
winter hardiness, cultivars 8634
Blaeberries (*see Vaccinium*)
Blechnum minus, plant, composition, steroids 7253
Blueberries (*see Vaccinium*)
Blumeriella jaapii, cherries 2229, 2234, 3994, 7557, 8569
Boarmia selenaria, avocados 10053
Boehmeria nivea
climate, requirements 1922
diseases
Colletotrichum boehmeriae 2751
mosaic disease 2751
Phytophthora boehmeriae 2751
fibres, quality, harvesting 6341
harvesting, harvesting date, assessment 6341
nutrition, nitrogen 1920
planting stock, production, tissue culture 6340
propagation, techniques 1921
roots, development, histology 7248
Boenninghausenia albiflora, plant, composition, essential oils 3627
Boerhavia diffusa
plant
composition 548
antiviral agents 5561
nucleosides 564
Boletus edulis, composition, proteins 2567
Bolting
cultivars
celery 5164
parsnips 7068
cultural methods, Chinese cabbages 4179
photoperiodism
Chinese cabbages 5205
lettuces 7741
physiology, radishes 5230
protected cultivation
celery 5164
endives 7731
spacing, onions 6868
temperature
Chinese cabbages 5205
kohlrabi 5220
lettuces 7741
radishes 5231
Bombax malabaricum, plant, composition 3658
Bombus, pollinators, chicory 3310
Books
apples, plant, physiology 3862
biological control, pests, greenhouse crops 8439
Citrus
diseases, control, India 3870
India 5
cocoa 3012
coffee, cultural methods, Zimbabwe 4796
conifers 6594
Cycadaceae, conservation 6595
cytology 5791
dates 3
Echinocereus 4801
energy, sources, sugarcane 732
fruit crops
cultural methods 6591
plant, development 3011
Gambia, woody plants, edible species 6598
growth regulators 3010, 6599
biochemistry 1528
handling, techniques, horticultural crops 1526, 2110
horticultural crops
cultural methods, mechanization 3868, 4794
glossaries 1527
protected cultivation 5794
horticulture 6596
buildings 6592

Books *cont.*
horticulture *cont.*
history
German Democratic Republic 3867
German Federal Republic 3867
research 9305
integrated control
pests
almonds 8438
Brassica 8441
lettuces 8441
Palmae 6597
Iridaceae 4799
melons, production, France 5792
Metroxylon, Malaysia 735
mushrooms 3008
nut crops, cultural methods 3865
nutrition, disorders 4800
Orchidaceae, taxonomy, nomenclature 3009
ornamental bulbs 7448
ornamental plants 2107
conservation 8437
diseases, USSR 4
pests, USSR 4
taxonomy, nomenclature, Europe 4802, 5796
packing, techniques, horticultural crops 2110
Palmae 3869
pests
biological control, Caribbean 2
control 736
phosphorus, nutrition 734
photosynthesis 7447
plant
development
ethylene 9
physiology 3006
poisonous plants 5793
pollination, reviews, pome fruits 5790
pot plants, diseases 3866
Rhododendron 6593
species 4797
seeds
physiology 3864
treatment 8440
sugarcane, nutrition 2109
taxonomy, nomenclature 733
temperate fruits, cultural methods 3865
Tetranychidae 5795
tissue culture 4798, 5791, 9311
propagation, techniques 4814
tomatoes, cultural methods 1525
vegetables, nutrition 9306
West Africa, horticultural crops 4795
woody plants
biology 3016
cultural methods
roadsides 2108
urban sites 2108
landscaping 3007
ornamental value 3863
planting stock, production, techniques 2106
Borago officinalis
characteristics 8167
production, Morocco 9934
Borassus, reviews 1523
Borassus aethiopum, cultural methods, Gambia 6598
Borojoa patinoi, cultural methods, Colombia 5787
Boron
absorption
apples 1578
bananas 10124
beetroots 9624
celery 9771
grapes 4120
composition
apples 3098
grapes 177
pears 6759
tomatoes 8941
deficiency
apples 4883, 6711
Asparagus 6981
bananas 1457
cabbages 6920

Boron *cont.*
deficiency *cont.*
Caladium 6272
Capsicum 206
carrots 4337
Chinese cabbages 206
cocoa 669
cucumbers 206, 2427
Gerbera 1772
grapes 2313, 4883
Litchi 2064
mandarins 5694
Mentha piperita 1263
oil palms 2940
pawpaws 4764, 8409
peaches 4883
pears 4883
pineapples 3823
poinsettias 1862
raspberries 6789
rubber 6559
strawberries 206, 8675
tomatoes 206, 3432, 7038, 8941
vegetables 2344
determination
horticultural crops 8496
plants 30
metabolism
calcium
black currants 3192
greenhouse crops 203
phosphorus
Citrus limonia 1410
greenhouse crops 203
pecans 8610
pruning, apples 8521
ripening, grapes 6846
seasonal variation
cherries 3998
persimmons 6510
soil management, pecans 5058
nutrition
apples 6711
broccoli 2396
cabbages 3322
chives 5975
cucumbers 267, 8837
foliage plants 8043
grapes 178-179, 1649, 3240, 3251, 5934, 6837
Ilex 6294
nectarines 845
peaches 845
plums 8618
roses 5504
rubber 6559-6560
Stevia rebaudiana 3730
sugarcane 713, 3842, 4788, 9293
tomatoes 7036
vegetables 1658
requirements
analysis
bananas 8379
cherries 3997
grapes 3238, 6654, 6837
pecans 9516
tomatoes 7037
responses
Agave 1187
Atropa belladonna 563
cherries 5870
toxicity
apples 4883
cocoa 669
Gerbera 1772
grapes 179, 4120
horticultural crops 5818
Litchi 2064
ornamental plants 5818
Phaseolus vulgaris 5269
pistachios 4036
poinsettias 1862
Sinningia speciosa 9015
tomatoes 206, 7038
vegetables 8806
translocation
apples 1578
beetroots 9624
plums 865
Boronia heterophylla
cultural methods, pot plants 3597

Boronia heterophylla *cont.*
cuttings, types, summer cuttings 5480
growing media
composition 8029
water relations 8029
Boronia latipinna, plant, composition, essential oils 6333
Boronia megastigma, cuttings, types, summer cuttings 5480
Borreria latifolia
as weeds
oil palms 1489
pineapples 3822
Bothriochloa ambigua, seeds, treatment 5457
Botryodiplodia theobromae
bananas 665
Citrus 8343
mangoes 6545, 10162
Botryosphaeria dothidea
apples 9438
peaches 9438
Rhododendron 2695
Botryosphaeria obtusa
apples 4949, 9438
peaches 9438
Botryosphaeria rhodina, peaches 9438
Botrytis
Actinidia chinensis 5072
apples 6689, 9437
Capsicum 6094
cashews 4708
conferences 5799
garlic 936
grapes 3231
lettuces 9650
onions 7709
pears 5052
peas 8455
Vaccinium corymbosum 7625
Botrytis allii, onions 5970
Botrytis cinerea
Actinidia chinensis 2270
aubergines 1063
Begonia 9009
cabbages 2388, 3326
Callistephus chinensis 3504, 8995
carrots 6157, 8953
chrysanthemums 1120
Cyclamen 4379, 5431
globe artichokes 5983, 6893
grapes 156, 920, 1653, 2317, 2325, 3244, 4096, 4099, 5110, 5120, 5927, 5935-5939, 5954, 6841, 7658, 7660, 7674, 8690, 8709-8710, 8717
kohlrabi 1694
lettuces 3312, 5993, 9652
Lilium 7144
Pelargonium 6214
pot plants 7097
roses 2702, 5506
Saintpaulia 2593
strawberries 4081-4082, 5912, 5916, 5939, 6801, 7647, 8676, 8678, 9556, 9560
tomatoes 371, 7021, 7056, 8936
Vaccinium corymbosum 7633
Valerianella locusta 7075
Botrytis elliptica, *Lilium* 7144
Botrytis fabae, *Vicia faba* 4228
Bougainvillea
flowers
initiation
growth regulators 5377
photoperiodism 5377
tissue culture 5485
reports, India 3022
tissue culture, organogenesis 5485
Bougainvillea spectabilis, leaves, composition 476
Bouvardia, cut flowers, production, protected cultivation 2708
Bowenia, species, characteristics, Australia 1231
Boysenberries
diseases, *Peronospora sparsa* 883
fruits, development, growth regulators 884
harvesting, techniques, mechanical harvesting 885

Boysenberries *cont.*
nutrition, potassium 882
planting, spacing 880
reports, New Zealand 6617
training
mechanical methods 876
systems 881
Brachiaria plantaginea, as weeds, sugarcane 2974
Brachiaria platyphylla
as weeds
cabbages 8805
Phaseolus vulgaris 286
Brachycaudus cardui, plums 9519
Brachycaudus helichrysi, plums 9519
Brachycome multifida
cultural methods, pot plants 3502
landscaping, slopes 7085
planting stock, production, techniques 1763
Brachyglottis, landscaping, New Zealand 7180
Bran, utilization, growing media, *Lentinus edodes* 1107
Brassica (*see also* Broccoli; Brussels sprouts; Cabbages; Cauliflowers; Chinese cabbages; Kale; Kohlrabi; Swedes; Turnips)
conferences 3879
cultivars
assessment, Libya 2337
salinity 5996
cultural methods, mechanization 928
disorders 764
herbicides, injuries 5211
nutrition, boron 2344
pests, control, books 8441
reports
Irish Republic 9317
USA 6623
salinity, tolerances 5996
Brassica alboglabra
seeds, morphology 6912
soilless culture, systems, hydroponics 5960
Brassica campestris
cultural methods
Mexico 3889
USA 3889
Brassica carinata
cultivars, salinity 5996
reports, UK 4826
Brassica chinensis
diseases, *Plasmodiophora brassicae* 4174
leaves, histology 3324
nutrition 6919
plant, composition, enzymes 9665
pollution, heavy metals 2408, 3320
soilless culture, systems, hydroponics 5960
Brassica juncea
diseases
Alternaria brassicae 972, 4471, 5217
Erysiphe polygoni 973
drought, responses 5534
handling, techniques 5166
leaves, histology 3324
plant, composition, chlorophyll 209
Brassica narinosa, leaves, histology 3324
Brassica oleracea
leaves, histology 3324
plant, composition, cytotoxic compounds 557
Brassica parachinensis
nutrition 6919
pollution, heavy metals 3320
Brazil
apples, cultivars 8508
Asparagus
cultivars 1722
hybrids 1722
avocados
cultural methods 7309
economics 5656
production 2829
Brazil nuts, production 5786
Capsicum, cultivars 7835
carrots, cultivars 9767

Brazil *cont.*
Citrus
cultural methods 7309, 7326, 8460
diseases, surveys 7342
nutrition, surveys 7328
cocoa
cultivars 8381
cultural methods 8460
production 10133
coconuts, production 10133
fruit crops
production 6624, 7378
conferences 6603
garlic, cultivars 2354
Gladiolus, cultivars 6237
grapes, cultivars 7662
guavas, cultivars 687
horticultural crops
diseases, control 34
surveys 8461
Jatropha, cultural methods 7306
mangoes
diseases, control 6543
economics 5656
pests, control 6543
medicinal plants, cultural methods 8460
mushrooms
diseases, surveys 8960
disorders, surveys 8960
nectarines, cultivars 3143, 7567
peaches, cultivars 3144, 7568
persimmons, cultivars 8362
Phaseolus vulgaris, cultivars 4206, 6953-6955, 7793
pineapples, cultural methods 2945
plums, cultivars 3182
quinces, cultivars 4046
rubber
production 10133
wild plants, utilization 5759
stone fruits, cultivars 3142
sugarcane
cultivars 3831, 9291
nutrition 2109
production 3829
Syzygium aromaticum, production 10133
tomatoes, cultivars 5322, 7858
wild plants, utilization, surveys 8461
Brazil nuts, production, Brazil 5786
Breadfruits
cultural methods, Tuvalu 3888
fruits, composition 7383, 9256
Bremia lactucae
Gerbera 4353
globe artichokes 6893
lettuces 2380, 3311, 5099, 6021
Brevicoryne brassicae
cabbages 9663
cauliflowers 6924
swedes 5204
Brevipalpus phoenicis, *Citrus* 2864
Broad bean mottle virus, *Vicia faba* 4229
Broccoli
cultivars
assessment
Belgium 6907
New Zealand 2391
characteristics, USA 8721
diseases 975
nutritional value 9655
protected cultivation 6907
diseases, *Plasmodiophora brassicae* 975-977
disorders, hollow stem 2396
harvesting
economics 5209
techniques, mechanical harvesting 6925
nutrition 1697
boron 2396, 8806
calcium 977
magnesium 977
nitrogen 2396, 5215, 7691
phosphorus 6001, 7691
potassium 6001, 7691
plant
composition
ascorbic acid 5826
enzymes 5219

Broccoli *cont.*
planting
spacing 5209, 5215
systems 1697
protected cultivation
cultural methods 6907
systems, plastic film 5164, 8800
reports
Belgium 8452
Cyprus 9316
Switzerland 15
UK 4826, 6621
USA 9321
spears, development, cultural methods 5215
storage, packing 2398
weed control 252, 5211
Bromelia plumieri, water relations, physiology 8021
Bromeliaceae
ecology 8020
photosynthesis 8020
Bromine
absorption
celery 9771
lettuces 244
Broussonetia papyrifera
landscaping, industrial sites 4431
plant, composition, phenolic compounds 2768
Browallia, transport, injuries 7903
Browallia americana, taxonomy 3396
Brucea antidysenterica, plant, composition, cytotoxic compounds 557, 3671
Brucea javanica
fruits, composition 9984
plant
composition 1289
quassinoids 4550
Brussels sprouts
cultivars
assessment, Netherlands 9657
biochemistry 5998
disorders 9661
processing 5998
disorders, internal browning 9661
frost, injuries, surveys 5808
grading, techniques 2352
harvesting, techniques, mechanical harvesting 6925
insecticides, residues 3263
intercropping, cabbages 3257
nutrition
nitrogen 4172, 6917
phosphorus 6001
potassium 6001
plant
composition
ascorbic acid 5826
nitrates 4172
processing, cultivars 5998
reports
Cyprus 9316
UK 746, 4826, 6621, 9320
rotations 403
weed control 5211
weeds, competition 253
Bryophyllum (*see also Kalanchoe*)
Bucida buceras, cultural methods, containers 5483
Budding
budwood
sources, *Citrus,* USA 7321
treatment
Citrus 1411
cocoa 666
rubber 2950
walnuts 867
height, apples 3092
seasons, chestnuts 6746
techniques
Annona muricata 3776
apples 7517, 8511
avocados 2830
cashews 4690-4692, 4696, 4698-4700
chestnuts 6746
cocoa 666
grapes 905, 5926, 6821
guavas 5748
Magnolia tripetala 1860

Budding *cont.*
techniques *cont.*
peaches 8580-8581
pears 851, 2251
pistachios 1619, 5064
Pyrus 1248
walnuts 867
Buddleja americana, plant, composition 1307
Buddleja asiatica, plant, composition 1307
Buddleja curviflora, plant, composition 1307
Buddleja davidii
plant
composition 1307
alkaloids 1882
glycosides 3598
Buddleja globosa, plant, composition 1307
Buddleja incana, plant, composition 1307
Buddleja madagascariensis, plant, composition 1307
Buddleja officinalis, plant, composition 1307
Buds
development
biochemistry, tomatoes 385
ethylene, *Pharbitis nil* 1775
growth regulators, grapes 6826
light
Saintpaulia 7872
tomatoes 7872
physiology
Fraxinus 8104
Magnolia 5493
oranges 5700
roses 486
tomatoes 384
pruning, grapes 7672
temperature
apples 798
satsumas 5709
tissue culture
oranges 5700
Saintpaulia 7872
tomatoes 7872
dormancy
biochemistry
grapes 9596
Simmondsia chinensis 4602
drought, walnuts 8626
growth regulators, hazelnuts 3138
phenolic compounds, hazelnuts 3138
physiology
grapes 8713
nectarines 5019
temperature
Actinidia 6783
peaches 5018, 8596
Simmondsia chinensis 4602
size, cultivars, apples 4937
Bulbine semibarbata, plant, vascular system 9872
Bulbophyllum cornutum, flowers, anatomy 5478
Bulbophyllum ecornutum, flowers, anatomy 5478
Bulbophyllum gibbolabium, flowers, anatomy 5478
Bulbs
biochemistry, flowering, *Nerine* 7987
development
abnormalities, *Lilium longiflorum* 7143
biochemistry
Muscari botryoides 5450
tulips 5445
environment, garlic 5174
growth regulators
Fritillaria pallidiflora 5449
garlic 7698
Muscari 5447
irrigation, onions 8759
light, onions 7713-7714, 8758-8760
nutrition, garlic 5174
physiology
garlic 7698, 9611
Lilium longiflorum 9840
Tulipa 9849
planting, garlic 1662
protected cultivation, garlic 5174
sowing date, onions 8757
Bulbs *cont.*
development *cont.*
spacing, onions 8757
temperature, onions 8760
tissue culture, *Fritillaria pallidiflora* 5449
dormancy
growth regulators, garlic 7698
physiology, garlic 7698
flavours
biochemistry, onions 3293
gamma radiation, garlic 7700
production
cultural methods
Hippeastrum 7993
hyacinths 7993
Hymenocallis festalis 9853
Lilium 1156, 6242
Lilium concolor 1812
Lilium longiflorum 7143, 9018, 9838-9839
Lilium maculatum 6243-6244
Narcissus 2623, 5442-5443, 6246, 7993
Nerine sarniensis 7993
ornamental bulbs 4375, 9843
tulips 1162
harvesting
Narcissus 7146
ornamental bulbs 2609
size, irrigation, onions 6871
sprouting, biochemistry, tulips 4399
storage
biochemistry, *Iris* 6240
ethylene, *Iris* 6239
humidity, hyacinths 2617
temperature
Allium christophii 2627
hyacinths 2617
Iris 6239-6240, 9835
Narcissus 7146, 9844
treatment
cold
garlic 5170
Iris 4390
Lilium maculatum 1158
Nerine flexuosa 7147-7148
Scilla mischtschenkoana 5453
tulips 442, 5444, 9023, 9848, 9850
ethylene, *Iris* 7980
fungicides
Hippeastrum 1164
Nerine bowdenii 1160
gamma radiation, garlic 7700
growth regulators
Lilium 3525
tulips 442, 1814
heat
Iris 7980
Narcissus 441
tulips 9023
Bulgaria
grapes, cultural methods 5105
mushrooms, cultural methods 9774
Phaseolus vulgaris, cultivars 282
raspberries, cultivars 9543
tomatoes, cultivars 6113
walnuts, ecology 7584
Bumelia celastrina, wild plants, utilization, Mexico 5917
Bumelia laetevirens, wild plants, utilization, Mexico 5917
Bupleurum chinense
plant
composition
glycosides 8192
saponins 9152-9153
Bupleurum falcatum, plant, composition, saponins 8193, 9152
Bupleurum kunmingense, plant, composition, glycosides 8194
Bupleurum marginatum, plant, composition, saponins 9152
Bupleurum rockii, plant, composition, saponins 9152
Bupleurum rotundifolium
plant
composition
glycosides 6370
saponins 1941
Burrknots, apples 2167, 2185, 3960, 6714
Butea monosperma
plant, composition, flavonoids 8195
seeds, composition 3652
Butyrospermum parkii
production, Ghana 4603
reports, Ghana 2122
Buxus megistophylla, cuttings 1848
Buxus papillosa, plant, composition, alkaloids 6371
Buxus sempervirens, plant, composition, alkaloids 6306
Byblis liniflora
seeds, germination, culture media 7126
tissue culture, propagation, techniques 7126
Cabbages
cover crops, responses 9663
cultivars
assessment
Albania 8799
Belgium 7746
Netherlands 2392, 6908
Romania 249
Seychelles 2335
biochemistry 5997
characteristics, USA 8721
diseases 975, 2388, 9654
harvesting date 9659
mechanical harvesting 2390
nutrition 1700
nutritional value 5997
pests 9653
planting date 9659
salinity 5996
spacing 9659
storage 2388, 2401, 3254, 6908, 8810
cultural methods, Tanzania 2336
diseases
Botrytis cinerea 2388, 3326
Plasmodiophora brassicae 974-975
Xanthomonas campestris pv. *campestris* 9654
disorders
tipburn 8810
vein necrosis 2397
frost, injuries, surveys 5808
growing media, composition 7095
growth regulators, aminophenylethylphosphonic acid, physiology 6004
handling, techniques 5166
harvesting
harvesting date
cultivars 9659
planting 9659
techniques, mechanical harvesting 257, 6925
herbicides, injuries 4139
insecticides
application 32
determination 38, 2142
residues 3263
intercropping
Brussels sprouts 3257
maize 6969
Vicia faba 6969
irrigation, responses 3275, 3321
leaves
biochemistry, copper 9664
composition 8948-8949
physiology 2131
nutrients
absorption, soil pH 6916
requirements, analysis 8730
nutrition 7095
boron 3322, 6920
calcium 3262, 6916
manures 3343
nitrogen 255, 1700, 2525, 3262, 3275, 3321, 4172, 6918, 7691-7693
phosphorus 255, 1700, 2525, 7691, 8733
potassium 1700, 2525, 7691
pests
Aphididae 7801
Brevicoryne brassicae 9663
Delia radicum 6913
Mamestra brassicae 6003, 9653

Cabbages *cont.*
pests *cont.*
Phyllotreta cruciferae 9663
Pieris brassicae 5218
Pieris rapae 978, 9653, 9663
Trichoplusia ni 978
photosynthesis, physiology 2539
plant
composition 5997
anthocyanins 8809
cadmium 8733
enzymes 9665
glucosinolates 2404
magnesium 3275
nitrates 3321, 4172
phosphorus 3275
potassium 3275
sugars 4181
zinc 8733
planting
seasons 9659
spacing 255, 9659
planting stock, production, techniques 9660
pollution
acids 6914
cadmium 8948-8949
heavy metals 7749
production, energy requirements 5955
protected cultivation, systems, greenhouses 757
reports
Brazil 2121
German Federal Republic 8456
India 3022
Sarawak 6619
UK 4826, 6621, 9320
respiration, physiology 2539
seedlings
production
containers 9660
cultural methods 2394, 4170
economics 2394
nutrition 931
seeds
germination
anaerobiosis 6069
oxygen 6070
salinity 6129, 6856
morphology 6912
production, cultural methods 3325, 8802
sowing, equipment 1696
treatment 4170, 6913
soil pH, responses 6916
soil types 6916
storage
biochemistry 2401, 2404
cultivars 3254, 6908, 8810
diseases 2388, 3326
disorders 2397
humidity 2402
physiology 2401
quality, cultural methods 8810
systems
assessment 211
controlled atmosphere storage 2400
water relations, nutrition 6920
weed control 251, 930, 5211-5212, 6915, 7751, 8725, 8801-8803, 8805
yields, correlation 5962
Cacao (*see* Cocoa)
Cacao swollen shoot virus, cocoa 5741
Cacoecimorpha pronubana, leeks 937
Cacopsylla pyri, pears 853, 4025, 5043
Cacopsylla pyricola, pears 4028, 5829
Cactaceae
growing media, characteristics 5370
protected cultivation, temperature 2647
taxonomy, nomenclature 8031
Cadaba farinosa, plant, composition, alkaloids 1308
Cadmium
absorption
cabbages 8948-8949
carrots 6151, 8948-8949
cucumbers 994
leeks 3274
lettuces 959, 3314
Cadmium *cont.*
absorption *cont.*
mushrooms 7890
onions 942
peas 3274
Phaseolus vulgaris 2451-2452
spinach beets 3307
tomatoes 1080, 8930
vegetables 4142, 8733
composition
horticultural crops 6655
Lactarius 409
Pleurotus 409
vegetables 3266
toxicity
cucumbers 994, 6945
horticultural crops 205
peas 3274
Petunia 4359
spinach 6882
translocation, tomatoes 4327
Caedicia simplex, *Vaccinium corymbosum* 7625
Caesalpinia cassioides, flowers, development, histology 2709
Caesalpinia coriaria, plant, composition, tannins 3649
Caesalpinia pulcherrima
flowers, development, histology 2709
plant, composition, terpenoids 2710
Caesalpinia sappan
plant
composition 565
phenolic compounds 2769, 6372
Caesalpinia vesicaria, flowers, development, histology 2709
Caesium
responses
Oxalis regnellii 3511
tomatoes 1740
translocation, tomatoes 2540, 8940
Cakile maritima, plant, composition, phenolic compounds 5588
Calabrese (*see* Broccoli)
Caladenia, cultural methods, pot plants 1203
Caladium, nutrition, deficiency 6272
Caladium bicolor, cultural methods, pot plants 2641
Caladium hortulanum, tubers, storage, temperature 2653
Calamintha nepeta
plant
composition
flavonoids 5589
volatile compounds 4499
Calamondins
cultivars, characteristics, USA 7321
diseases, *Sphaeropsis tumefaciens* 9236
plant
composition
limonoids 9238
terpenoids 5706
Calanthe, cultural methods, pot plants 1203
Calathea bantae, taxonomy, morphology 9043
Calathea majestica, taxonomy, morphology 9043
Calathea makoyana, cultural methods, pot plants 9037
Calathea multicincta, taxonomy, morphology 9043
Calceolaria
cultivars, assessment, Netherlands 1789
cultural methods, pot plants 1789
transport, injuries 7903
Calcium
absorption
apples 9429
bananas 10122, 10124
cabbages 6916
Capsicum 6092
carrots 5356
cherries 9382
Citrus 7336
mandarins 9237
Petunia 4360
Phaseolus vulgaris 1025, 3358, 5267
temperate fruits 6716
Calcium *cont.*
absorption *cont.*
tomatoes 6128, 6716, 7023
composition
Amaranthus hybridus 2557
apples 3098, 4937, 4950
celery 3317
Citrus 4668
coconuts 7402
Coriandrum sativum 4472
Genipa americana 10225
grapes 177
Grevillea 8106
Gynandropsis gynandra 2557
Ipomoea batatas 8955
lettuces 3317, 8791
oranges 9229
pears 4030, 6759
peas 3372
Plumbaginaceae 8974
Proteaceae 7089
rhubarb 344
Solanum nigrum 2557
tomatoes 8941
tropical fruits 7383
vegetables 3266, 7694
deficiency
apples 80
Asparagus 6981
Basella alba 6164
Caladium 6272
chives 5975
cucumbers 2427, 6024
Gerbera 1772
melons 269
onions 6872
persimmons 8363
pineapples 3823
poinsettias 1862
pumpkins 8486
rubber 6559
tomatoes 8933, 9745
determination
horticultural crops 8496
Telfairia 2448
fertilizers
assessment
apples 3127, 4929
Capsicum 9730
pot plants 5414
strawberries 6812
metabolism
biochemistry, apples 7546
boron, tomatoes 8941
cadmium, peas 3274
carbon dioxide, cucumbers 5256
disorders, pears 5041
fruiting, tomatoes 370
growth regulators
apples 3105, 8499, 9424
Chinese cabbages 4173
satsumas 2851
irrigation
apples 3102
pears 3170
light, spinach 2371
magnesium
peaches 5883
pecans 5060
tomatoes 7039
mulching, *Vaccinium vitis-idaea* 7617
nitrogen
cucumbers 2429
grapes 6825, 6830
pears 1614
strawberries 1631
tomatoes 3434, 7031
nutrition
grapes 5730
peaches 5730
persimmons 5730
tomatoes 4318
phosphorus
Brassica 6001
onions 4147
oranges 2856
pears 1614
pecans 8610
potassium
apples 6700

Calcium *cont.*
metabolism *cont.*
potassium *cont.*
Brassica 6001
hops 1270
pears 1614
sugarcane 7425
pruning, apples 3973, 4916, 8521
ripening
grapes 5160, 6846
pears 4030
tomatoes 7874
rootstock scion relationships
apples 69
Citrus 5686, 6463
lemons 620
salinity
cabbages 6129
guavas 2084
Lilium 9385
Phaseolus vulgaris 2464
pomegranates 8365
temperate fruits 9385
tomatoes 2534, 6129
Vaccinium ashei 8645
seasonal variation
cherries 3998
Coriandrum sativum 499
peaches 6753
persimmons 6510
senescence, apples 813
storage
apples 3973
pears 3175
temperature
bananas 4684
Capsicum 6091
grapes 922
Lilium 9385
pomegranates 8365
temperate fruits 9385
vitamin D, *Phaseolus vulgaris* 6964
water relations, tomatoes 2534
nutrition
Alstroemeria 9024
apples 807-808, 4950, 6710, 8520
aubergines 350, 5318
Basella alba 6164
Begonia 9009
black currants 3192
broccoli 977
cabbages 6916
Capsicum 350, 1707, 6222, 6993
carrots 3455
cashews 3784, 4705
celery 5361
chives 5975
Citrullus vulgaris var. *fistulosus* 268
Citrus 7337
cocoa 2076, 6529
cucumbers 266, 350, 1707, 6028, 6126, 8832
Erica darleyensis 5490
Exacum affine 9076
grapes 180, 2316, 4119
Hedera helix 9076
Ilex 6294
Lantana camara 5524
lawns and turf 3551
lettuces 266, 5361, 5991
Lilium 1157
nectarines 845
pawpaws 6551
peaches 845
pears 117
Petunia 1129, 6215
Phaseolus vulgaris 1019, 9696
raspberries 2285
Rhododendron 5497
rubber 4774, 6558-6559
satsumas 2845, 10075
squashes 7792
sugarcane 4787
temperate fruits 6716
tomatoes 361, 367-368, 3430, 3433, 3435, 3438, 6716
Vaccinium corymbosum 7621
vegetables 3262, 8729

Calcium *cont.*
requirements
analysis
apples 804, 1572, 2220, 3948-3949, 7533
avocados 6456
bananas 8379
black currants 3192
cherries 3997
Citrus 3744, 7332, 7336-7337
Citrus latifolia 5686
coconuts 6532
Gerbera 4352
grapes 3238, 4116, 5138, 6827, 6836
guavas 6540
limes 5686
mandarins 3745
mangoes 3813
onions 6872
oranges 10074
pecans 9516
pineapples 7415
plants 6628
plums 3183
sugarcane 3837
tomatoes 7024-7025, 7027
Vaccinium vitis-idaea 7622
walnuts 6770
assessment, *Phaseolus vulgaris* 6046
responses
Agave 1187
onions 5972
raspberries 2283
Torenia fournieri 6229
toxicity, melons 269
translocation
apples 6709
beetroots 5184
carrots 5358
Citrus 7337
Phaseolus vulgaris 1025
plums 8619
pomegranates 8366
sour oranges 10073
tomatoes 2534
Calcium carbide
application
mangoes 1483
pineapples 4771
Calcium chloride, application, cherries 4001, 5870
Calcium hydroxide, application, cherries 5870
Calendula
cultural methods, pot plants 5414
cut flowers, preservatives 7909
growth regulators
cytokinins, responses 3501
GA, responses 3501
Calendula officinalis
as green manures, strawberries 2298
flowers, composition 1790
plant, composition, flavonoids 39
weed control 6175
Calepitrimerus vitis, grapes 5143
Callistemon citrinus, cuttings 4462
Callistemon viminalis, landscaping, urban sites 487
Callistephus chinensis
cultivars
diseases 3504
pests 3504
diseases
Botrytis cinerea 8995
Fusarium oxysporum 8995
Rhizoctonia 8995
plant, composition, anthocyanins 7096
reports, India 3022, 6615
seeds
production
cultural methods 6221
economics 6183
treatment 2572
Calluna, yearbooks 737
Calluna vulgaris
cultivars, pot plants 2674
cultural methods, pot plants 413, 3577
frost, resistance, tests 411
growing media, composition 410

Calluna vulgaris *cont.*
herbicides, injuries 5374
nutrition, magnesium 6292
plant residues, utilization, growing media 7414
seeds, germination 1216
soil types 6292
tissue culture, propagation, techniques 8064
weed control 5374
Calmodulin
metabolism
ripening, tomatoes 3449
senescence, apples 813
Caloncoba echinata, seeds, composition 1942
Calophyllum apetalum, plant, composition, xanthones 6373
Calophyllum bracteatum, plant, composition, xanthones 9154
Calophyllum brasiliense, utilization, shelterbelts 6469
Calophyllum calaba, plant, composition, xanthones 9154
Calophyllum inophyllum
plant
composition 9155
morphology 9155
seeds
composition 4551
germination 4551
Calophyllum thwaitesii, plant, composition, xanthones 9154
Calopogon tuberosus, seedlings, production, cultural methods 1839
Calopogonium caeruleum, as cover crops, oil palms 1485, 2931
Calotropis gigantea
plant, composition, enzymes 1309
tissue culture, organogenesis 4609
Calotropis procera, plant, composition 2754, 8904, 9134
Calpurnia aurea, plant, composition, alkaloids 7254
Calypso bulbosa, seedlings, production, cultural methods 1839
Camarotis, taxonomy, nomenclature 1841
Camellia (*see also* Tea)
breeding
genetic resources 9893
interspecific hybridization 4441
cultivars, diseases 9066
cultural methods, pot plants 418
diseases
Glomerella cingulata 9066
viruses 6288
flowers
colour
biochemistry 4441
breeding 9893
frost
injuries 411
resistance, physiology 1557
grafting, techniques, micropropagation 6288
pests, *Selepa celtis* 9892
propagation, techniques 4440
seeds, composition 3573
species, geographical distribution 8061
tissue culture, propagation, micropropagation 7186
yearbooks 3871-3872
Camellia chrysantha
chromosomes 4436
flowers
colour
biochemistry 2681
breeding 8062
Camellia euphlebia, flowers, colour, breeding 8062
Camellia flava, flowers, colour, breeding 8062
Camellia forrestii, chromosomes 4436
Camellia fraterna, flowers, development, temperature 8063
Camellia granthamiana, flowers, development, temperature 8063
Camellia hiemalis, flowers, development, temperature 8063
Camellia hongkongensis, plant composition, anthocyanins 4441

Camellia japonica
cuttings, rooting, growing media 5487
grafting, techniques, seedlings 4440
history, China 5486
hybrids, winter hardiness 4437
pollen, tubes, development 1853
tissue culture
propagation
micropropagation 3574
techniques 7187
winter hardiness, assessment 4437, 4439
Camellia japonica* × *Camellia cuspidata, winter hardiness, assessment 4438
Camellia japonica* × *Camellia fraterna, winter hardiness, assessment 4438
Camellia lutchuensis, flowers, development, temperature 8063
Camellia maliflora
history, China 5486
plant composition, anthocyanins 4441
Camellia oleifera
history, China 5486
hybrids, winter hardiness 4439
seeds, storage 1852
tissue culture, propagation, techniques 4604
Camellia oleosa, cuttings 1848
Camellia pingguoensis, flowers, colour, breeding 8062
Camellia pitardii, plant composition, anthocyanins 4441
Camellia reticulata
flowers, development, temperature 8063
history, China 5486
plant composition, anthocyanins 4441
Camellia rosaeflora, plant composition, anthocyanins 4441
Camellia saluenensis, plant composition, anthocyanins 4441
Camellia sasanqua
history, China 5486
plant, composition, flavonoids 5488
tissue culture, propagation, techniques 7187
Camellia sasanqua* × *Camellia oleifera, winter hardiness, assessment 4438
Camellia sasanqua* × *Camellia sinensis, plant, composition, flavonoids 5488
Camellia semiserrata, chromosomes 4436
Camellia sinensis
flowers, development, temperature 8063
history, China 5486
Camellia tunghinensis, flowers, colour, breeding 8062
Camellia williamsii* × *Camellia japonica, winter hardiness, assessment 4438
Camellia yunnanensis, chromosomes 4436
Cameroon, bananas, cultural methods 7393, 8372
Campanula, flowers, development, growth regulators 6669
Campanula bayerniana, plant, composition 6352
Campanula betulifolia, plant, composition 6352
Campanula carpatica, cultural methods, pot plants 1123
Campanula choziatowskyi, plant, composition 6352
Campanula elegantissima, plant, composition 6352
Campanula isophylla
cultural methods, pot plants 5415
flowers, development, humidity 9790
plant, development, humidity 9790
Campanula kemulariae, plant, composition 6352
Campanula kolenatiana, plant, composition 6352
Campanula latifolia, wild plants, utilization, ornamental plants 7086
Campanula ossetica, plant, composition 6352
Campanula raddeana, plant, composition 6352
Campanula rapunculoides, cultural methods, roofs 1108
Campanula takhtadzhianii, plant, composition 6352
Camphor (*see Cinnamomum camphora*)
Canada
Anagallis monelli, cultivars 8970
apples
diseases, control, conferences 3880
pests, control, conferences 3880
Arctostaphylos uva-ursi, cultivars 8970
Asparagus, cultivars 6078-6079
Genista pilosa, cultivars 8970
Microbiota decussata, cultivars 8970
Monarda, cultural methods 1265
peaches, cultivars 4013
Pelargonium, cultivars 1780
roses, cultivars 7201
Rubus calycinoides, cultivars 8970
strawberries, cultural methods 8665
tomatoes, cultivars 6114
Viburnum plicatum, cultivars 8970
Weigela florida, cultivars 7227
Cananga odorata, plant, composition, essential oils 9948
Canarium oleosum, respiration, temperature 9372
Canary Islands
bananas, cultural methods 10119
Gladiolus, cultivars 7969
Scilla, wild plants, surveys 8000
Canna, pollen, development, cytology 5448
Canna indica
diseases, viruses 3505
tissue culture, propagation, techniques 3505
Cannabis sativa
plant
composition 5569, 8196
flavonoids 7267
phenolic compounds 9156
terpenoids 7266
Cantharellus cibarius
composition, proteins 2567
mycelium, growth 9780
Cape gooseberry (*see Physalis peruviana*)
Caper (*see Capparis spinosa*)
Capnodium citri, oranges 4669
Capparis spinosa, plant, composition 5569
Caprifoliaceae, pollen, ultrastructure 1896
Capsella bursa-pastoris
as weeds
Brassica 7751
raspberries 6791
Scorzonera 7743
vegetables 4141
Capsicum
cultivars
assessment
Albania 6986
Hungary 1725
India 3398
Italy 1056, 8910
Libya 2337
polar regions 6850
USA 8891
USSR 6850, 8889-8890
characteristics 3399
Brazil 7835
China 6988
Hungary 8892, 8894
Mexico 6987
USA 8721, 8893, 8895
diseases 2503-2504, 3403, 4292, 7832-7833, 7835
flowering 7839
germination 3397
growth 1724
growth regulators 345
protected cultivation 6085-6086, 7834, 8888
yields 1724
cultural methods
Hungary 9728-9729
pot plants 6222
Tanzania 2336
diseases
biological control 5820
Capsicum veinal mottle virus 5313
Cercospora capsici 4292
Colletotrichum 4292
Colletotrichum capsici 4295

Capsicum *cont.*
diseases *cont.*
Leveillula taurica 2503-2504, 3403, 4296, 5338
pepper mottle virus 8895
Phytophthora capsici 6990
Phytophthora nicotianae 6994
potato virus Y 7832, 7835, 8895
Pseudomonas solanacearum 4292
tobacco etch virus 8895
tobacco leaf curl virus 7838
tobacco mosaic virus 7833, 8895
viruses 6990
Xanthomonas campestris pv. *vesicatoria* 4295
disorders
chilling injury 7843, 8899
sunscald 7777
electrical properties, temperature 2348
flowers
anatomy 1726
biology 9731
fruits
biochemistry
growth regulators 393
light 6095
composition 2507, 7844, 8898
cracking 7840
development
cultural methods 8896
growth regulators 345, 393
parthenocarpy 393
physiology 9733
shade 7836-7837
temperature 5316
ripening
biochemistry 1591, 4299, 7841
shade 7837
thinning, responses 9732
grading, techniques 2352
growing media, composition 6653, 7095, 8915
growth regulators
brassinosteroids, responses 8923
chlormequat, responses 345
ethephon, determination 4871
GA, responses 345
NAA, responses 345
nitroguaiacol, responses 4317
nitrophenolate, responses 4317
harvesting
injuries 347
techniques, mechanical harvesting 347, 1059-1060, 7842
herbicides, injuries 5309
intercropping
pineapples 10180
tomatoes 10179
irrigation
fertilizers, application 5312, 6092
requirements, determination 3402
responses 1074, 5243, 5311, 8482
systems 5310
water, salinity 8482, 9605
mulching, materials 5313
nutrition 6993, 7095
boron 206
calcium 1707, 3262, 9730
iron 5961
nitrogen 1707, 3262, 5312, 6992, 7005
phosphorus 9730
responses 8482
sulphur 207
ornamental plants, cultural methods, pot plants 7124
pests
Acari 7838
Anthonomus eugenii 6996-6998
Aphididae 5313, 6855
Aphis gossypii 7838
biological control, books 8439
Leucinodes orbonalis 4298
Liriomyza trifolii 5314
Meloidogyne incognita 6995, 8893
Myzus persicae 346, 4297, 6999, 7045
Nematoda 3404
Polyphagotarsonemus latus 4297
Scirtothrips dorsalis 4297
Spodoptera litura 4297

Capsicum *cont.*
pests *cont.*
Thysanoptera 7838, 8897
photoperiodism 1057
plant
composition
carotenes 5317
carotenoids 1058, 3406
enzymes 3070
fatty acids 6857
lipids 5822, 8493
photosynthates 1057
vitamin B 5167
volatile compounds 8900
planting, spacing 3401, 6990-6991
planting stock, size 6089
pollen
germination
cultivars 7839
seasonal variation 7839
tubes, development 1726
pollination, pollinators, Apoidea 5319
protected cultivation
carbon dioxide 6130, 7005
cultivars 1725, 6085-6086, 7834
cultural methods 4317, 8888, 9732
growing media 200
Italy 6625
light 2340-2341
nutrition 9730
pests 5165, 7045
planting stock 7014
polar regions 6085
soilless culture 6124
systems
greenhouses 929, 7483, 9729
plastic film 1536, 3054
temperature 6091
pruning, systems, root pruning 1707
reports
Belgium 8452
Canada 9313
India 6613
Irish Republic 9317
Sarawak 6619
UK 3885
USA 9321
respiration
inhibitors 1591
ripening 1591
roots, development, irrigation 5243, 5311
rotations 2419, 9755
seedlings
development
salinity 926
temperature 6093
production
cultural methods 3400, 4294, 6088-6089, 6989
growing media 364
protected cultivation 757, 2340
seeds
germination
inhibitors 2342
salinity 926
temperature 3397
sowing
sowing date 5316, 6088, 7014
spacing 2505
treatment 3397, 4293, 5163, 6087
shade, responses 7836
shading, techniques 7837
shoots, development, shade 7836
soil temperature, responses 6091
soil water, responses 5310
soilless culture
cultural methods 8727
growing media 6656
nutrient solutions, composition 350, 7005
nutrition 5961
systems
hydroponics 5960
nutrient film techniques 8728
storage
diseases 6094
disorders 7843, 8899
systems, cold storage 3264, 8899
temperature 7843
wraps 8899

Capsicum *cont.*
taxonomy 3396
water relations
measurement 2128
physiology 2506, 3405, 5315
weed control 5309, 6090
wild plants, surveys 8720
yields, correlation 1724, 2341
***Capsicum* veinal mottle virus,** *Capsicum* 5313
Caragana arborescens, nutrition, nitrogen 2679
Caraway (*see Carum carvi*)
Carbohydrates
biosynthesis
Phaseolus vulgaris 1021, 2468
Tropaeolum majus 5427
characterization
Anodendron affine 2765
Arctostaphylos uva-ursi 9981
composition
Arnica montana 5583
cherries 9475
Citrus 4668
Coriandrum sativum 4472
fungi 1104
Jerusalem artichokes 6890
mangoes 1484
passion fruits 9250
pears 6756
Prunus sibirica 97
radishes 8811
roses 9906
rubber 10187
Tetrapleura tetraptera 2008
tropical fruits 9256
Washingtonia filifera 9931
determination, *Vicia faba* 6068
metabolism
anaerobiosis, apples 1585
biochemistry
cauliflowers 982
peas 7811
vegetables 1659
Vicia faba 7811
carbon dioxide, cucumbers 5256
cut flowers, roses 8085
dark, *Phaseolus vulgaris* 1021
defoliation, apples 9453
diurnal variation, spinach 5194, 8769
dormancy, Jerusalem artichokes 7724
fruiting, apples 2192
germination
pawpaws 4765
Ziziphus sativa 3858
growth, tulips 5445
growth regulators
apples 3105
carnations 3484, 7915
Cyamopsis tetragonoloba 4245
satsumas 2851
irrigation
apples 2174
grapes 5128
peas 5288
light
onions 8758
spinach 5195
tomatoes 9758
nitrogen
strawberries 5098
tomatoes 2531
pests, oranges 2862
photoperiodism, strawberries 8681
physiology
peas 7821
tomatoes 6136
tulips 4399
pollution
Phaseolus vulgaris 7797
Vicia faba 6968
pruning
apples 8521
Jasminum grandiflorum 3637
tomatoes 6136
ripening
bananas 1463
Capsicum 4299
mangoes 9273-9274

Carbohydrates *cont.*
metabolism *cont.*
ripening *cont.*
pears 122
rootstock scion relationships, apples 72-73
salinity
pomegranates 5732
tomatoes 7866
seasonal variation
apples 73
Cucurbitaceae 8845
Jasminum grandiflorum 3637
pecans 8611
senescence
carnations 3484, 6185
Dahlia 5433
storage
Asparagus 4286
Jerusalem artichokes 1688
temperature
apples 3113
chicory 5199
container grown plants 7170
mushrooms 2565
peaches 3113, 4010
strawberries 8681
tomatoes 9758
tissue culture
celery 7071
Datura fastuosa 2782
taxonomy, Araceae 2570
translocation
aubergines 9734
mandarins 8336
Phaseolus vulgaris 4216
roses 3587
tomatoes 5351
Vicia faba 5283
Carbon
determination, plants 8464
metabolism
diurnal variation
Abutilon pictum 9038
succulent plants 9038
Carbon dioxide
absorption
conifers 7475
spinach 7475
application
irrigation
chrysanthemums 6199
Cyclamen 6233
lettuces 6303
pot plants 6178, 6262
roses 6303
determination, cucumbers 18
fixation
Catharanthus roseus 4554
persimmons 10111
succulent plants 8027
production, equipment, greenhouses 26, 9357
responses
Agave vilmoriniana 5466
Anthurium scherzerianum 5413
apples 2213
aubergines 7005, 9734
Begonia hiemalis 1798
Capsicum 6130, 7005
chrysanthemums 9802
Citrus 8332
cucumbers 270, 2432-2433, 3439, 5236, 5255-5256, 7773, 7776, 8838
Gerbera jamesonii 4355
grapes 8696
greenhouse crops 7480, 9348, 9352
Kalanchoe 1194
lemons 10092
lettuces 1730
Lilium 2621
Magnolia soulangiana 2689
melons 7005
peas 8859
Pelargonium 307
Phaseolus vulgaris 2468, 6049-6050, 8859
poinsettias 1221, 9081
pot plants 2573, 6263
radishes 6929

Carbon dioxide *cont.*
responses *cont.*
roses 5505
Saintpaulia 9802
strawberries 2301, 4869, 7650
sugarcane 4781
tomatoes 381, 1730, 1734, 3439, 6130
Vicia faba 307, 8869
toxicity, *Phaseolus vulgaris* 6048
treatment
apples 821
apricots 3132
Carbon monoxide, absorption, foliage plants 9873
Carcinogens, composition, *Ligularia japonica* 3691
Cardamine, as weeds, container grown plants 9064
Cardamine hirsuta, as weeds, lawns and turf 2632
Cardamoms (*see Elettaria cardamomum*)
Cardenolides
biosynthesis
Convallaria majalis 9993
Digitalis lanata 3679
Digitalis purpurea 7280
characterization
Adonis vernalis 8173
Streblus asper 1368
composition
Coronilla 6383
Digitalis ciliata 6391
Streblus asper 5636
Thevetia ahouri 10036
Thevetia peruviana 3610
metabolism
seasonal variation, *Convallaria majalis* 1314
tissue culture, *Calotropis gigantea* 4609
production
seasons, *Adonis amurensis* 2763
tissue culture, *Digitalis lanata* 10000
Cardoons, cultural methods, New Zealand 954
Carex digitata, cultivars, assessment, German Federal Republic 9787
Carica (*see also* Pawpaws)
Carica pentagona
cultural methods
Ecuador 6512
Italy 1524
Carissa, planting stock, production, containers 9064
Carissa carandas, plant, composition, essential oils 3624
Carissa edulis, plant, composition, terpenoids 566
Carnations
breeding
Netherlands 6187
tissue culture 4349
cultivars
assessment 4350
Netherlands 1765
Spain 9796
biochemistry 9793
consumer preferences 2576
cut flowers 1114, 2578, 9794-9795
harvesting 8979
identification 9793
protected cultivation 1765, 9794-9795
pruning 1114, 6189
spacing 1114
vase life 9794-9795
cut flowers
handling 7921
harvesting 8979
physiology 7911
preservatives 1116, 6186, 7103, 7916, 7918, 7920-7922, 9799
production
cultivars 1114
cultural methods 2578
protected cultivation 414, 1766, 2577, 3479, 4350, 6176, 6189, 6656, 7104, 9794-9795
Carnations *cont.*
cut flowers *cont.*
senescence 3481-3484, 4351, 5385, 6185, 6192-6194, 7105, 7906, 7908, 7915, 7918-7919, 9800
storage 8084, 9799
vase life 7103-7104, 7920, 7924
water relations 4351, 7921
cuttings
rooting
growing media 3478
physiology 7913
treatment, growth regulators 3478, 6188
diseases
biological control 6180
Fusarium oxysporum f.sp. *dianthi* 2579, 6190, 7101
Uromyces dianthi 5384, 6662, 8978
viruses 7099
dried flowers, production 7923
flowers
colour
biochemistry 1115, 7917
breeding 4349
development, biochemistry 2581
senescence 416, 2581
physiology, reviews 7914
pollination 7900
frost, injuries 412
fungicides, injuries 8978
growing media, composition 8975
growth regulators, ethylene, biosynthesis 7907, 8880
heat, injuries 9798
mulching 6190
mutants, induction, tissue culture 7098
nutrition
nitrogen 8977, 9797
phosphorus 8977, 9797
potassium 8977, 9797
pests
Epichoristodes acerbella 2580
Tortricidae 3926
pinching, responses 1114
plant
composition
essential oils 5386, 9966
ethylene 1767
planting stock, production, tissue culture 5383, 7092
protected cultivation
diseases 5384, 8978
energy conservation 3479
energy requirements 2138
growing media 1766
irrigation 2577
light 2577
planting, seasons 2578
pruning, systems, assessment 6189
reports, UK 4827
salinity, responses 414
shoots
anatomy 5382
development, environment 2577
soilless culture
cultural methods 8727
nutrition 8976
systems, nutrient film techniques 8975
tissue culture
culture media 7100
disorders, vitrification 6191, 7098
organogenesis 5381-5382
propagation
micropropagation 5383, 7100
techniques 7099
Carnegiea gigantea
heat, resistance, physiology 5465
photosynthesis
CAM pathway 6265
light 9868
physiology 6265
Carobs
cuttings 3734
products, fodder 10056
tissue culture, propagation, micropropagation 6459
Carotenes
biosynthesis, *Capsicum* 5317
Carotenes *cont.*
composition
Amaranthus cruentus 2557
carrots 2546
Citrus 4668
Crotalaria brevidens 2557
Cucurbita pepo 2412
Erucastrum arabicum 2557
fruit crops 7496
Gynandropsis gynandra 2557
melons 6014
peaches 4981
rhubarb 344
Solanum nigrum 2557
vegetables 7496
determination, horticultural crops 6668
metabolism
growth regulators
Capsicum 393
carrots 7884
tomatoes 6140
nutrition, vegetables 6152
ripening
melons 1006
oil palms 4760
seasonal variation
leeks 6864
Welsh onions 6864
senescence, spinach 7720
storage, carrots 7884
water relations, tomatoes 4315
Carotenoids
biosynthesis
Capsicum 1058, 3406, 7841
lemons 2055
characterization, *Viola tricolor* 2607
composition
Aloe arborescens 6329
Capsicum 7844
Cucurbita 1010
fruit crops 3919
Hippophae rhamnoides 5101, 7656
tea 5782
vegetables 3919
determination, carrots 402
metabolism
growth, *Phaseolus vulgaris* 1022
growth regulators
Citrullus vulgaris 1713
cucumbers 267, 7788
okras 1052
pumpkins 1005
tomatoes 2523, 6140
herbicides, raspberries 9544
light
Capsicum 6095
peas 5291, 6976
nutrition
black currants 3194
cucumbers 267
oxygen, peas 2488
pollution, *Vicia faba* 6968
potassium
pumpkins 1005
sugarcane 10198
ripening
Malpighia punicifolia 896
mandarins 10091
mangoes 9274
sugarcane 10201-10202
rooting, tea 10213
seasonal variation
peaches 841, 6753
pot plants 1186
sugarcane 10201
storage, apples 8552
temperature
foliage plants 1823
grapefruits 10094
water relations
grapes 1644
sugarcane 10205
ultrastructure, *Palisota barteri* 7956
Carpinus
leaves, anatomy 9093
species, characteristics 6307
Carpinus betulus
cuttings, sources, etiolation 8058
planting stock, defoliation 4434
seeds, development, physiology 9100

Carpomyia vesuviana, *Ziziphus mauritiana* 3004, 7443
Carpophilus, dates 10095
Carposina niponensis, apples 9445
Carrots
as weeds, lawns and turf 2632
cultivars
assessment
Brazil 9767
Denmark 395, 7063
German Federal Republic 6148
biochemistry 2546
characteristics 396
USA 8721
diseases 394
mechanical harvesting 7062
nutrition 6151
processing 396
propagation 2553
protected cultivation 7877, 8951
salinity 2549
sowing date 7061
storage 2546, 3254
winter hardiness 7061
cultural methods 6151
cytology 1747
diseases
Alternaria 8953
Alternaria dauci 394, 9767
Alternaria radicina 8953
Botrytis cinerea 6157, 8953
Fusarium 8953
Helicobasidium purpureum 8950
Mycocentrospora acerina 3327, 6157, 8953
Pythium 6153
Rhizoctonia carotae 6157
Rhizoctonia solani 399
Rosellinia necatrix 3925
Sclerotinia sclerotiorum 401
Sclerotium rolfsii 399
disorders, cavity spot 2550, 3455
flowers, development, growth regulators 6156
frost, injuries, surveys 5808, 5957
grading, techniques 2352
growing media, composition 4142
growth regulators
cytokinins, biosynthesis 4266
research, statistical methods 7469
handling, techniques 8953, 9609
harvesting
injuries 7062
techniques, mechanical harvesting 7062
herbicides
injuries 5222
tolerances 4139
insecticides, residues 3263
intercropping, parsnips 3257
irrigation
fertilizers, application 7464
responses 5355
water, salinity 9605
leaves, spectral data 2126
mulching, responses 4334
nutrients
absorption, conferences 8488
requirements, analysis 7065
nutrition 7065
calcium 3455
manures 6151
nitrogen 3454, 5356, 5360, 6152, 7691-7693, 8952
phosphorus 1093, 2548, 3454, 5360, 7691
potassium 2548, 5360, 7691, 9768
organic culture 3453
pests
Heterodera carotae 8950
Psila rosae 3456, 4336, 6154, 7880
plant
composition
amino acids 4338
calcium 5358
carotenes 2546
carotenoids 3919
cobalt 4335
coumarins 2551
enzymes 1659
heavy metals 3266, 4142
Carrots *cont.*
plant *cont.*
composition *cont.*
nitrates 2548, 5355, 7723
pectins 4339
phytoalexins 2551
polyamines 3917
proteins 7881-7882
vascular system 7883
planting stock, storage 401
pollution
cadmium 8948-8949
heavy metals 7749
lead 6006, 8723
processing, cultivars 396
production, energy requirements 5955
protected cultivation, systems, plastic film 2547, 5958, 7064, 7877, 8722, 8951
reports
Australia 4817
Belgium 8452
Irish Republic 3883, 9317
UK 4826, 6621, 9320
respiration, ethylene 5357
roots
composition 402, 1746, 2554, 8948-8949
development, growth regulators 7883
mechanical properties, assessment 934
rotations 8950
seedlings
development
drought 7876
salinity 926
seeds
composition 3624
development, embryology 3452
dormancy, growth regulators 6150
germination
inhibitors 2342
salinity 926, 2549
tests 3892
production 3459
cultural methods 2553, 3460, 5359-5360, 6150, 6156, 7066-7067, 8952
sowing
sowing date 7061, 7066
spacing 6151
techniques 4334
storage 5162
treatment 3284, 3327, 5163, 6149
stecklings, planting spacing 5359
storage
biochemistry 7884
cultivars 3254
diseases 401, 6157, 8953
systems, assessment 211
tissue culture
biochemistry 400, 1094, 1748, 3458, 4337, 6155, 9768-9769
embryogenesis 2552
storage 4340
water relations, cytology 3457
weed control 397-398, 5222, 5353, 7878-7879
weeds, competition 5354
winter hardiness, sowing date 7061
yields, correlation 3452, 5962
Carthamus lanatus, plant, composition 8197
Carum carvi, weed control 8119
Carya (*see also* Pecans)
Carya aquatica
cultivars, pests 9513
pests, *Gretchena bolliana* 9513
Caryomene olivascens, plant, composition, alkaloids 9157
Cashews
air layering 4701
conferences 3877
cultivars, assessment, India 4689
diseases
Botrytis 4708
Glomerella cingulata 4708
Phomopsis anacardii 4708
establishment, reclaimed land 4704-4705
Cashews *cont.*
flowers, biology 3785
fruits
composition 4721
drop, growth regulators 3786
quality, biochemistry 4718
set, growth regulators 3786
insecticides, application 4710
intercropping, coconuts 10133
leaves, areas, assessment 4712
nutrition 4704
calcium 3784, 4705
nitrogen 3783-3784, 4706-4707
phosphorus 3783, 4705-4707
potassium 3783, 4706-4707
nuts
composition 4717
development, biochemistry 4716
pests
Helopeltis antonii 4709-4710
Plocaederus ferrugineus 4711
surveys, Malaysia 4708
plant
composition, gums 4720
morphology 10114
plant extracts, utilization, culture media 4722
planting stock
production
containers 4703
techniques 4690-4693, 4696-4700, 4702
types, assessment 4713
processing, residues 4721
products
beverages 4719
flours 4717
gums 4720
oils 4721
reports
India 6615
Malaysia 3884
Nigeria 6618
Sarawak 6619
seedlings
development, histology 4715
selection 4714
treatment, growth regulators 4694
seeds, treatment 4694-4695
soil types 4704-4705
yields, correlation 3785, 3787
Casimiroa edulis
cultural methods, Australia 1390
reports, Australia 6609
Cassia
cultural methods, arid regions 3026
species, identification 3599
Cassia absus, seeds, morphology 4552
Cassia angustifolia
plant, composition, quinones, reviews 5590
seeds, morphology 4552
Cassia bark (*see Cinnamomum aromaticum*)
Cassia fistula, seeds, morphology 4552
Cassia grandis, characteristics 3599
Cassia hirsuta, seeds, composition 9159
Cassia javanica
characteristics 3599
leaves, composition 7268
seeds, morphology 4552
Cassia mimosoides, plant, composition, quinones 3672
Cassia nomame, plant, composition, quinones 1943
Cassia obtusifolia, plant, composition, quinones 9160
Cassia occidentalis
plant, composition, glycosides 3673
pollution, lead 9158
seeds, treatment 3496
Cassia senna
plant, composition, quinones, reviews 5590
reports, Israel 744
Cassia sophera
plant, composition, quinones 1944
seeds, morphology 4552

Cassia speciosa, characteristics 3599
Cassia spectabilis, seeds, morphology 4552
Cassia surattensis, seeds, morphology 4552
Cassia timoriensis, seeds, morphology 4552
Cassia tora
  as weeds, rubber 2953
  diseases, *Fusarium oxysporum* 7269
  mycorrhizas 7269
  pollution, lead 9158
Cassia torosa, plant, composition 6374
Cassinia, utilization, erosion control 7185
Castanea (*see also* Chestnuts)
  pests, *Selepa celtis* 9892
Castanea crenata, plant, composition, tannins 555
Castanea mollissima, tissue culture, propagation, micropropagation 4974
Castanospermum australe, seeds, composition 2067
Casuarina, planting stock, production, containers 9064
Casuarina equisetifolia
  cuttings 1848
  plant, composition, flavonoids 7270
Catechins
  characterization, *Cinnamomum aromaticum* 7273
  composition
    black currants 8632
    Davallia divaricata 2657
    Nephrolepis auriculata 2657
    Nephrolepis biserrata 2657
    Okoubaka aubrevillei 1982
    Prunus 4884
    quinces 4884
    strawberries 4884
Catenaria anguillulae, control, of *Meloidogyne incognita*, tomatoes 373
Catha edulis
  plant
    composition
      alkaloids 9985
      flavonoids 6453
    morphology 4608
  reviews 2024
Catharanthus, plant, composition, alkaloids 9145
Catharanthus roseus
  cultivars, assessment 3674
  cultural methods, Hungary 8199
  flowers, development, histology 1310
  fruits, composition 567
  nutrition 5592
    nitrogen 9161
  plant
    composition 1927
      alkaloids 567, 1945, 1947-1948, 5567, 8203, 9986
      cytotoxic compounds 557
      enzymes 2770
      latex 567
  planting, spacing 8198
  reports, India 3022
  tissue culture
    biochemistry 2771, 4531, 8204
    culture media 8200
    cytology 1946, 4832
    metabolites, production 568, 4553, 5591, 6375, 8201-8202, 9162, 9969-9970
    physiology 4554
    protoplasts 2772
Cathcartia villosa × *Meconopsis aculeata*, pollination, compatibility 7131
Cattleya, growing media, composition 6279
Cattleya bowringiana, leaves, composition 3913
Cauliflower mosaic virus, swedes 5204
Cauliflowers
  cultivars
    assessment
      Belgium 8454
      India 969
      Italy 5207-5208
      Norway 8798
      polar regions 6910
      USA 2393
      USSR 6910, 7747-7748
    characteristics, USA 8721
    growth 2389
Cauliflowers *cont.*
  cultivars *cont.*
    harvesting date 5207-5208
    identification 5999
    pests 6910, 9653
    storage 248
    yields 2389
  curds, composition 982
  diseases
    Plasmodiophora brassicae 6002
    Rhizoctonia solani 4175
    Sclerotinia sclerotiorum 4176
  frost, injuries, surveys 5808, 5957
  harvesting, harvesting date, cultivars 5207-5208
  herbicides, injuries 252
  insecticides
    determination 38, 2142
    residues 980, 6924
  irrigation, water, salinity 6854
  nutrition
    boron 8806
    magnesium 204
    manures 5214
    molybdenum 6921
    nitrogen 254, 4172, 5214, 5216
    phosphorus 204, 6001
    potassium 204, 5214, 6001
  pests
    Anthomyiidae 979
    Brevicoryne brassicae 6924
    Delia radicum 6922-6923, 8808
    Lipaphis erysimi 980
    Mamestra brassicae 9653
    Meloidogyne incognita 8807
    Phyllotreta 6922
    Pieris brassicae 5218, 6924
    Pieris rapae 9653
    Plutella xylostella 980, 6924
    Trichoplusia ni 980
  plant
    composition, nitrates 4172
    development, stresses 3896
  planting, spacing 254
  planting stock, production, techniques 9660
  protected cultivation, cultural methods 1695
  reports
    Belgium 8452, 8454
    India 3022
    New Zealand 6617
    Sarawak 6619
    UK 4826, 6621, 9320
    USA 9321
  seedlings
    development, stresses 1660, 4178
    production
      containers 9660
      cultural methods 2394, 4312, 5956
      economics 2394
      protected cultivation 6000
    treatment, insecticides 6922
  seeds
    production, cultural methods 983
    quality, assessment 4138
    sowing, sowing date 1695
  storage, cultivars 248
  tissue culture, propagation, techniques 2395
  weed control 252, 5211-5213, 7751, 8725
  yields
    correlation 2389, 4180
    pests 8807
Cayaponia tayuya, plant, composition 3726
Ceanothus
  cultivars, pot plants 2674
  herbicides, injuries 471
Cecidophyopsis ribis, black currants 7591
Cecropia obtusifolia
  leaves, composition 2773
  plant, composition 8156
Cedrus atlantica
  as rootstocks, *Larix* 1214
  rootstock scion relationships, compatibility 1214
Cedrus deodara
  frost, injuries 9090
  plant, composition, essential oils 508
Ceiba pentandra, plant, composition 9959
Celastrus orbiculatus, photosynthesis, physiology 5515
Celeriac
  cultivars
    assessment
      Hungary 1750
      USSR 8954
    diseases 9770
    nutritional value 4343
  diseases, *Fusarium oxysporum* f.sp. *apii* 9770
  growth regulators, GA, responses 6021
  nutrition, manures 3343
  plant
    composition
      nitrates 4343
      phthalides 405
  planting, spacing 1096
  protected cultivation, systems, plastic film 5958, 8724
  reports
    Belgium 8452
    German Federal Republic 8456
    UK 4826
  rotations 403
Celery
  bolting, protected cultivation 5164
  cultivars
    assessment
      polar regions 6850
      USSR 6850, 7685, 8954
    biochemistry 406
    diseases 9770
    nutrition 406
  diseases
    Fusarium oxysporum f.sp. *apii* 9770
    Septoria apiicola 1095
  dwarfing 6051
  frost, injuries, surveys 5957
  handling, techniques 4873
  herbicides, injuries 404
  irrigation
    requirements, determination 241
    responses 7886
    water, salinity 6854
  leaves
    development
      biochemistry 7071
      tissue culture 7071
    flavours, biochemistry 8497
  nutrition 5361
    boron 2344
    magnesium 204
    nitrogen 406, 4172, 7070, 9771
    phosphorus 204, 7070
    potassium 204, 7070
  pests, *Liriomyza trifolii* 2555
  plant
    composition 553, 8180
      ascorbic acid 5826
      calcium 3317
      coumarins 5362
      essential oils 406, 2734, 3626, 4495
      magnesium 3317
      nitrates 4172
      phosphorus 3317
      phthalides 405
      potassium 3317
      sugars 6159, 9772
  pollution, heavy metals 9771
  protected cultivation
    irrigation 9649
    systems, plastic film 5164, 5958
  reports
    Belgium 8452-8453
    Irish Republic 9317
    UK 4826
    USA 6623, 9321
  rotations 403
  seedlings
    development, stresses 1660
    production
      cultural methods 4342, 5956
      nutrition 931
  seeds
    composition 5538
    germination
      growth regulators 6158

Celery *cont.*
seeds *cont.*
germination *cont.*
temperature 6158
treatment 4341, 5163, 7885
shoots, flavours, nutrition 406
soil water, responses 3317, 5361
storage, systems, controlled atmosphere storage 2400
tissue culture
physiology 1749
techniques 1749
weed control 404
Cells (*see* Cytology)
Celosia, herbicides, injuries 6174
Celosia argentea
flowers
initiation
growth regulators 5377
photoperiodism 5377
plant, composition, sterols 8991
seeds, germination, water relations 4364
Celtis occidentalis, landscaping, industrial sites 4431
Cenchrus, as weeds, sugarcane 1508
Cenchrus echinatus, as weeds, *Phaseolus vulgaris* 2453
Centaurea behen, plant, composition 5593
Centaurea cyanus
flowers, colour, spectral data 5378
plant, composition, phenolic compounds 8205
Centaurea incana, plant, composition, guaianolides 2774
Centaurea montana, plant, composition, anthocyanins 7096
Centaurea phrygia, plant, composition, lactones 1949
Centaurea phyllocephala
plant
composition 5593
flavonoids 8206
Centaurium erythraea
plant, composition, xanthones 9987
tissue culture, propagation, techniques 5594
Centaurium linarifolium
plant
composition
iridoids 3675
xanthones 3675
Centaurium littorale, plant, composition, xanthones 1311
Centipeda minima, plant, composition 1950
Centipede grass (*see Eremochloa ophiuroides*)
Central America, medicinal plants, surveys 1928
Centranthus longiflorus, seeds, composition 5580
Centranthus macrosiphon, tissue culture, metabolites, production 569
Centranthus ruber, seeds, composition 5580
Centratherum punctatum, plant, composition, lactones 8230
Centrosema, as cover crops, coconuts 8387
Centrosema pubescens, as cover crops, oil palms 1485-1486
Cephalanthera, flowers, movements, physiology 4430
Cephalanthera rubra, seeds, treatment 8052
Cephalotus follicularis, leaves, physiology 1787
Cerastium holosteoides, as weeds, lawns and turf 2632
Cerastium tuberosum, cultural methods, roofs 1108
Cerasus, wild plants, surveys, China 6678
Ceratitis capitata
Citrus 616
fruit crops 33
mangoes 6543
melons 2446
oranges 8320
pawpaws 9282
peaches 850
Ceratocystis fimbriata, mangoes 6543
Ceratocystis paradoxa
pineapples 10179
reports
Australia 4816
Mauritius 4822
USA 3887
sugarcane 8427-8428
Ceratonia (*see also* Carobs)
Ceratostigma plumbaginoides
leaves, composition 8974
plant, composition, quinones 2022
Ceratostigma wilmottianum, plant, composition, quinones 2022
Cercidiphyllum
cuttings, cultural methods 469
drought, injuries 2677
Cercidiphyllum japonicum, drought, injuries 2677
Cercis canadensis, nurseries, cultural methods 474
Cercospora, *Lagenaria siceraria* 5249
Cercospora capsici, *Capsicum* 4292
Cercospora circumscissa, cherries 8570
Cercospora coffeicola, coffee 682, 1475
Cercospora duddiae, onions 7709
Cereus, photosynthesis, CAM pathway 7491
Cereus jamacaru, as rootstocks, *Echinopsis* 2658
Cereus pernambucensis, as rootstocks, *Echinopsis* 2658
Ceroplastes destructor
Citrus 7349
ornamental plants 7349
Ceroplastes floridensis
Citrus, reviews 6479
grapefruits 2053
Ceroplastes rusci
figs 4005, 4977
grapefruits 2053
mandarins 10081
Cestrum elegans, taxonomy 3396
Chaenactis douglasii
plant, composition, terpenoids 4555
roots, composition 8207
Chaenomeles japonica, tissue culture, organogenesis 4458
Chaenomeles speciosa, plant, composition 3658
Chaetanaphothrips signipennis, foliage plants 3558
Chaetomium olivaceum, mushrooms 8960
Chalaropsis thielavioides, *Rhododendron catawbiense* 1866
Chalcidoidea, pollinators, figs 5873
Chamaealoe, plant, vascular system 9872
Chamaecyparis
cultural methods, pot plants 8100
cuttings
cultural methods 9068
storage 9894
Chamaecyparis lawsoniana
as rootstocks, *Cupressus arizonica* 2682
cuttings, storage 6290
growing media, composition 410
nurseries, cultural methods 470
planting stock, production, containers 1850, 9062, 9092
seedlings, production, cultural methods 7182
Chamaecyparis nootkatensis, planting stock, production, containers 9070
Chamaecyparis pisifera
cuttings
rooting, nutrition 4442
storage 6290
Chamaedorea elegans, cultural methods, pot plants 9866
Chamaerops humilis, plant, composition 6273
Chamelaucium axillare, characteristics, Australia 1883
Chamelaucium ciliatum, characteristics, Australia 1883
Chamelaucium megalopetalum, characteristics, Australia 1883
Chamelaucium uncinatum
cultivars, characteristics, Australia 1235
Chamelaucium uncinatum *cont.*
cultural methods, pot plants 1883, 9918
Chamomilla recutita
as weeds, vegetables 4141
cultivars, assessment, Romania 1259
plant
composition 1283
essential oils 8130
flavonoids 39
reviews 2775
weed control 4556
Chamomilla suaveolens
as weeds, raspberries 6791
flowers, composition 2736
growth regulators
kinetin, responses 1905
nitroguaiacol, responses 1906
nitrophenolate, responses 1906
plant
composition
essential oils 1312
phenolic compounds 6376
Charcoal
utilization
tissue culture
coconuts 676
Musa 1452
Muscari armeniacum 7156
Pinus mugo 7189
woody plants 1824
Chasmanthe, taxonomy 4402
Chasmanthe aethiopica, characteristics 4402
Chasmanthe bicolor, characteristics 4402
Chasmanthe floribunda, characteristics 4402
Chasmanthera dependens
plant
composition
enzymes 5587
terpenoids 570, 9988
Cheimophila salicella, *Vaccinium* 140
Cheiranthus cheiri
diseases, *Alternaria cheiranthi* 2595
seeds
composition 8990
production, diseases 2595
treatment 2572
Chelidonium majus, plant, composition 1290
Chelone obliqua, cut flowers, production, cultural methods 1788
Chenopodium, as weeds, *Phaseolus vulgaris* 5265
Chenopodium album
as weeds
Anethum graveolens 8127
Brassica 5212
garlic 8739
grapes 7670
Phaseolus vulgaris 285
radishes 5222
temperate fruits 7670
tomatoes 5329
Chenopodium ambrosioides, plant, composition 1283, 5569
Chenopodium paniculatum, as weeds, carrots 5354
Cherimoyas
as rootstocks, *Annona reticulata* 6514
cultural methods, New Zealand 5736
production
Spain 6513
Venezuela 1445
Cherries
buds, physiology 4972
cold, responses 9478
conferences 3875
cultivars
assessment
Albania 1597
Denmark 8562
German Federal Republic 3986, 8563
Italy 3134
Norway 3990-3991, 8574
Poland 3989
South Africa 3992
USSR 3922, 8467
Yugoslavia 8564
biochemistry 836, 2236, 5871

Cherries *cont.*
cultivars *cont.*
characteristics 2229, 6742
Belgium 6742
France 1608
Italy 776, 4876
Romania 3994
USSR 3993
clones 2228
diseases 2229, 2234, 3999, 4878, 6681, 6743, 7557, 8569-8570
drought 4960
flowering 834-835, 3133, 3986, 3988, 4961, 6741
fruiting 834
growth regulators 9479
harvesting 3985
harvesting date 5871
irrigation 3135
mechanical harvesting 5869
mechanical properties 6739
morphology 833, 835, 3987
nomenclature 8565
nutrition 3997
pollination 1597, 1603, 2227, 3986, 6740, 8621
processing 1597, 8561
propagation 837, 2232
spacing 4969, 8567
storage 838
temperature 4960, 4962, 8560, 9478
training 3987
transport 6739
water relations 8560
cultural methods
mechanization 4917
Yugoslavia 3984
cuttings
cultural methods 9523
rooting
biochemistry 2258
histology 1556
physiology 2258
temperature 2150
treatment, growth regulators 2150
types, summer cuttings 837, 8498
diseases
Blumeriella jaapii 2229, 2234, 7557, 8569
Cercospora circumscissa 8570
Chondrostereum purpureum 8566
Molières decline 3999
Monilinia laxa 2229, 4878
mycoplasmas 3999
Pseudomonas syringae pv. *morsprunorum* 6743
Pseudomonas syringae pv. *syringae* 6743
Rosellinia necatrix 3925
Stigmina 7557
viruses 6681
drought, resistance, cultivars 4960, 8560
economics, Czechoslovakia 3921, 7556
flowers
development, cultivars 834, 6741
initiation
cultivars 4961
growth regulators 4970
morphology 835
frost
injuries 9380
resistance
bacteria 5881
cultivars 4962, 7499
growth regulators 1570
physiology 4972
fruits
colour, growth regulators 3137
composition 1607, 4884
cracking 4001, 5870, 6739
development
growth regulators 4000, 4002
histology 9386
parthenocarpy 4000
physiology 4002
loosening
cultivars 3985
growth regulators 2238
mechanical properties, growth regulators 3137, 4002

Cherries *cont.*
fruits *cont.*
quality
assessment 8574
flowering 8573
gamma radiation 7562
growth regulators 4001
light 8571
nutrition 4001
position 8573
ripening
biochemistry 5871
growth regulators 3137
set
cultivars 834, 1603
environment 3136
growth regulators 6744, 6758
pollination 1604
temperature 1603, 1605
size, growth regulators 2238, 3137
growth regulators
BA, responses 796
daminozide, responses 9480
ethephon, responses 2235, 5870
GA, responses 796, 4002, 4970, 6758
NAA, responses 5870
naphthoxyacetic acid, responses 6758
paclobutrazol, responses 4925
propyl butylphenoxyacetate, responses 9479
hail, injuries 1562
harvesting
injuries 52, 838
seasons 5871
techniques, mechanical harvesting 52, 3985, 5869, 8568
heat, resistance, cultivars 4960, 8560
herbicides, tolerances 473
high density planting, cultural methods 4969
interstocks 9477
irrigation
fertilizers, application 4971
responses 3135
nurseries, cultural methods 796
nutrients
absorption, soil management 9382
requirements, analysis 3997-3998
nutrition
manures 7561
nitrogen 4971
ornamental plants, dormancy, sulphur compounds 5437
pests
Cydia molesta 3926
starlings 1601
Xyleborus dispar 5857
photosynthesis
diurnal variation 101
flowering 101
plant
composition
enzymes 3070
phenolic compounds 2236
planting, spacing 8567-8568
planting stock
defoliation 6698
production
techniques 796
tissue culture 2231, 9478
pollination
compatibility 2237, 6740, 8621
cultivars 2227, 6740
pollinators
Apis mellifera 1604
Apoidea 3136
rain 3136
temperature 1603, 3136
processing, cultivars 1597, 8561
production
Brazil 6624
slopes 2152
pruning, systems, assessment 4969, 8568, 9418
reports
Cyprus 9316
German Federal Republic 8456
Israel 7459
Netherlands 6616

Cherries *cont.*
reports *cont.*
Switzerland 15
UK 4825
USA 6623, 9321
respiration
diurnal variation 101
flowering 101
rootstock scion relationships
compatibility 98, 7558, 9475
diseases 6743
growth 98, 3995, 4963-4966
growth regulators 9395
winter hardiness 98
yields 2233
rootstocks
assessment 99, 3995, 7559
German Federal Republic 1598-1599, 8566
biochemistry 2236
characteristics
Romania 4966
USSR 4965
diseases 3992
dwarfing 4963-4964, 4966, 9395
propagation
cuttings 2258, 3992, 7511, 8582, 9476, 9523
tissue culture 2230, 2232, 3996
seeds
composition 1606
treatment 85, 3076
shoots, development, histology 1602
soil fumigation 5847
soil management, systems 9382
soil sickness 6659
soil types 2153, 8567
storage 838
systems, assessment 8572
suckers, control, herbicides 49
tissue culture
biochemistry 4973
organogenesis 4967
propagation
embryos 1600, 7560
micropropagation 4968
ovules 7560
techniques 48, 2231-2232, 3996
storage 2230
training
responses 100, 2233
systems 100, 2233
transpiration
diurnal variation 101
flowering 101
transport, systems, assessment 6739
water relations
growth regulators 2235, 9425
physiology 2189
weed control 6683
winter hardiness, assessment 2151
Chervil (*see Anthriscus cerefolium*)
Chestnuts
budding 6746
cuttings
physiology 6745
rooting, biochemistry 9481
handling, techniques 6674
plant
composition
growth regulators 6745
phenolic compounds 6745
seeds, germination, biochemistry 7563
tissue culture
disorders, vitrification 102
propagation
micropropagation 102
reviews 6680
techniques 9482
Chiastophyllum oppositifolium, cultural methods, pot plants 7946
Chicory
cultivars
assessment
Netherlands 2378, 9639-9640
USSR 7685
forcing 8780
cultural methods, Italy 8779
disorders, brown pit 9640
flowers
initiation 236, 3309

Chicory *cont.*
flowers *cont.*
initiation *cont.*
biochemistry 8782
light 956
temperature 8782
forcing 955, 7729, 8780-8781
fungicides, determination 6663
growth regulators, ethylene, responses 8780
photoperiodism 3309
plant
composition
anthocyanins 7096
growth regulators 8782
lactones 235
phenolic compounds 235
pollination, pollinators, Apoidea 3310
protected cultivation
systems
greenhouses 757, 929
plastic film 5958
reports
Belgium 8452
German Federal Republic 8456
Switzerland 15
rotations 7729
seedlings, production, techniques 9641
seeds, treatment 5163
soil types 7729
soilless culture, cultivars 8781
storage 2379
tissue culture
propagation
micropropagation 233
protoplasts 5984
techniques 4159, 5199
weed control 234, 7730
Chihuo zao, dates 647
Chile
apples, pests, integrated control 8500
Asparagus, production 4280
pears, pests, integrated control 8500
Phaseolus vulgaris, cultivars 9698
Chilling requirement
Actinidia chinensis 873
almonds 9387
apples 5862, 6717, 9451
apricots 832, 8558
nectarines 5019
peaches 5018
raspberries 7607
tulips 9848
Chilo sacchariphagus, reports, Mauritius 4822
Chilo zacconius, sugarcane 7438
Chimaeras
apples 3932
blackberries 5073
grapes 7658
Juniperus davurica 479
loganberries 4064
Saintpaulia 1131, 3500, 7941
China
Camellia, species, history 5486
Capsicum, cultivars 6988
chrysanthemums, cultivars 3485
coconuts, production 8385
essential oils, production, surveys 2733
fruit crops, wild plants, surveys 6678
grapes, cultural methods 1636, 8704
mandarins, cultivars 9221
Myrica rubra, cultural methods 653
Orchidaceae, surveys 7175
roses, breeding 6302
Thuja orientalis, cultivars 8117
watermelons, cultivars 9677
Chinese cabbages
bolting 5205
cultural methods 4179
cultivars
assessment
Denmark 6909, 8796
Guadeloupe 5206
India 1693
Netherlands 9656
diseases 5206
disorders 2403, 8795
photoperiodism 5205
protected cultivation 8795, 9656
salinity 5996
Chinese cabbages *cont.*
cultivars *cont.*
storage 2399
temperature 5205
cultural methods
France 7745
Mauritius 2334
Tanzania 2336
diseases, *Plasmodiophora brassicae* 5971, 6002, 9662
disorders
chilling injury 2403
tipburn 4173, 8795
vein necrosis 7753
growth regulators, indoleacetaldoxime, metabolism 981
handling, techniques 5166
herbicides, injuries 251
leaves, histology 3324
mulching 1698-1699
materials 5959, 5971
responses 5971
nutrition, boron 206
pesticides, residues 3908
pests
Aphididae 3323
Hellula undalis 3323
Plutella xylostella 3323
plant, composition, enzymes 256
protected cultivation
systems
assessment 971
plastic film 970, 5958
temperature 8795
reports
Belgium 8452
Cyprus 9316
Sarawak 6619
Taiwan 8458
UK 4826
seedlings, production, cultural methods 4179
seeds
morphology 6912
production, cultural methods 8804
storage 7752-7753
systems
assessment 211
controlled atmosphere storage 2399
tissue culture, culture media 5210
weed control 251, 7751, 8804
Chinese gooseberry (*see Actinidia*)
Chionodoxa, bulbs, production, cultural methods 9843
Chironjas, reports, Australia 6609
Chives
nutrition 5975
ornamental plants, cultural methods, roofs 3564
protected cultivation, systems, greenhouses 757
Chlorides
metabolism
photosynthesis, spinach 5980
physiology, *Citrus* 10077
responses
lettuces 3298
spinach 3298
toxicity, radishes 3328
Chlorine
absorption, bananas 8377, 10122, 10124
composition
Grevillea 8106
oranges 9229
Plumbaginaceae 8974
fertilizers
assessment
lettuces 6888
spinach 6888
metabolism, nitrogen, peas 5289
nutrition
coconuts 1492
oil palms 1492
peas 5289
requirements
analysis
coconuts 6532
tomatoes 7025
Chlorine *cont.*
toxicity
chrysanthemums 3489
coffee 5744
pistachios 4036
Zinnia elegans 3489
Chloris, seeds, composition 9209
Chlorophyll (*see also* Pigments)
biochemistry
cucumbers 273
Phaseolus vulgaris 9710, 9713
biosynthesis
cucumbers 1709-1710, 3348, 7786
peas 9723
Phaseolus vulgaris 9714
characterization
peas 5187
spinach 5187, 9628
composition
coffee 3806
Phytolacca americana 8770
spinach 8770
tea 5782
determination
horticultural crops 6668
plants 7495
vegetables 210
fluorescence
horticultural crops 753
lettuces 8792
Nerium oleander 1683
oranges 8329
peas 325, 4261, 7818-7819
Phaseolus vulgaris 1022-1023, 4218, 9670, 9710, 9712, 9714
radishes 6640, 9670
spinach 1678, 1683, 4868, 5193, 8462, 8772-8773
Vicia faba 306, 4235, 9717
metabolism
antioxidants, spinach 2373
biochemistry, peas 1718
cadmium, cucumbers 994
copper, cabbages 9664
dark, *Phaseolus vulgaris* 1021
diurnal variation, vegetables 209
fungicides, cucumbers 3350
growth, *Phaseolus vulgaris* 1022
growth regulators
apples 3126
cabbages 6004
cucumbers 267, 7788
Cucurbita pepo 2438
okras 1052
pumpkins 1005
tomatoes 2523
tulips 5446
herbicides, raspberries 9544
iron
apples 9434
Phaseolus vulgaris 9701
radishes 2406
tomatoes 9752
irrigation, grapes 910
light
cabbages 9664
Cucurbita pepo 2438
peas 5291, 6976
magnesium, radishes 2406
nutrition
black currants 3194
cocoa 9262
cucumbers 267
ozone
radishes 8812
vegetables 7686
pollution
spinach 6882
Vicia faba 6968
potassium
pumpkins 1005
sugarcane 10198
ripening
Actinidia chinensis 8628
Elettaria cardamomum 4481
Malpighia punicifolia 896
mandarins 10091
sugarcane 10201-10202
rooting, tea 10213
salinity
Azadirachta indica 6305

Chlorophyll *cont.*
metabolism *cont.*
salinity *cont.*
Melia azedarach 6305
Phaseolus vulgaris 2464
pomegranates 5732
vegetables 6856
seasonal variation
peaches 6753
pot plants 1186
sugarcane 10201
senescence
plants 4866
spinach 7720
soil management, grapes 910
storage
Actinidia chinensis 9535
apples 6726, 8552
Elettaria cardamomum 4481
spinach 9638
temperature
foliage plants 1823
grapefruits 10094
tissue culture
cherries 4973
Magnolia soulangiana 2689
Morinda lucida 2793
oranges 7352
trace elements, sugarcane 713
water relations
grapes 1644
sugarcane 10205
tomatoes 4315
zinc, *Phaseolus vulgaris* 9701
Chlorophytum capense, pollution, tolerances 9873
Chloroplasts 9327
biochemistry
carbohydrates, mandarins 8336
light
peas 2484, 5291, 7818
Peperomia metallica 9045
Phaseolus vulgaris 9715
spinach 2371, 5193, 7719, 8773, 9634
vegetables 209
lipids, spinach 9631
nitrogen
mandarins 8336
peas 9720
photosynthesis, horticultural crops 42
pollution, spinach 9332
potassium, grapes 6835
salinity, *Mesembryanthemum crystallinum* 9044
senescence, spinach 7720
surfactants *Vicia faba* 1031
temperature, spinach 6886
water relations, *Phaseolus vulgaris* 5271
composition
cucumbers 273
peas 323, 1042, 1046, 5187, 5297, 6075, 8879
Phytolacca americana 8770
Pinus 9072
radishes 5225
spinach 229-230, 1670-1672, 1675, 3301-3302, 3304-3305, 4868, 5187, 5189, 5196, 5225, 8462, 8770, 9628, 9636
vegetables 210
development
cadmium, cucumbers 994
growth regulators, *Cucurbita pepo* 2438
light
cucumbers 3348, 7786
Cucurbita pepo 2438
lettuces 8792
Phaseolus vulgaris 5273
phthalates, radishes 6639
physiology, peas 6976
tissue culture
Catharanthus roseus 8200
oranges 7352
physiology
cucumbers 1001
Kalanchoe blossfeldiana 1829, 9881
Nerium oleander 1683, 5529

Chloroplasts *cont.*
physiology *cont.*
Parthenium argentatum 2027
peas 324, 334, 1718, 3377, 8878, 9721, 9723
Peperomia metallica 2663, 9883
Phaseolus vulgaris 291, 1022-1023, 9712
spinach 949, 1667, 1676-1677, 1683-1684, 3299-3300, 3303, 5979, 6885, 7717-7718, 8772, 9627, 9629
tomatoes 5343, 5529
Vicia faba 2474, 4236
senescence, spinach 6884
tissue culture, spinach 8771
ultrastructure
Cucurbita moschata 1708
grapes 5145
peas 322
spinach 226, 3299, 3301
vegetables 766
Choanephora cucurbitarum, okras 5308
Choisya ternata, plant, composition, alkaloids 2776
Chondrostereum purpureum
apples 3088
apricots 4835
cherries 8566
Chromatomyia horticola
Papaver 1142
peas 6971
Chromium
absorption, celery 9771
composition
coconuts 2908
grapes 7683
Lactarius 409
Pleurotus 409
nutrition
grapes 5121
Phaseolus vulgaris 7800
toxicity, spinach 6882
Chromones, composition, *Aquilaria malaccensis* 10043
Chromosomes
Agave 2646
Albuca nigritana 7994
Amorphophallus konjac 2628
Annona squamosa 7384
Asclepias curassavica 8187
Camellia chrysantha 4436
Camellia forrestii 4436
Camellia semiserrata 4436
Camellia yunnanensis 4436
Dendrobium 465
Dioscorea floribunda 2785
Dudleya 5467
Eleutherine plicata 2629
grapes 7658
Graptopetalum amethystinum 5463
Hesperaloe funifera 2646
Impatiens 7951
Impatiens walleriana 2597
Iris 5439
Meconopsis 7131
Orchidaceae 1202, 3565, 9055
Pachyphytum coeruleum 5463
Pachyphytum glutinicaule 5463
Pachyphytum oviferum 5463
Pelargonium 6212
Polianthes tuberosa 1168
Quamoclit coccinea × *Quamoclit vulgaris* 5395
Trillium 7157
Trillium tschonoskii 7158
Tulipa 7149
Tulipa sylvestris 3530
Urginea altissima 7994
Yucca 2646
Chrysalidocarpus lutescens
fungicides, injuries 4412
irrigation, water, sources 8030
soilless culture, nutrient solutions, composition 9033
Chrysanthellum indicum, reviews 3676
Chrysanthemum carinatum, cultivars, characteristics, UK 4363
Chrysanthemum coronarium
cultivars, characteristics, UK 4363
nutrition, aluminium 5819

Chrysanthemum coronarium *cont.*
plant, composition 247
seeds, germination, inhibitors 2147
Chrysanthemum majus *(see Tanacetum balsamita)*
Chrysanthemum multicaule, landscaping, slopes 7085
Chrysanthemum segetum, cultivars, characteristics, UK 4363
Chrysanthemums
cultivars
characteristics
China 3485
Netherlands 2583
competition 417
cut flowers 6195
diseases 2582, 5389, 7107, 7925-7926
growth regulators 2586-2587
nutrition 1119
photoperiodism 1117
pot plants 1768
propagation 2585
protected cultivation 6195, 7107
selection 417
temperature 1117, 5390
tissue culture 6196
vase life 2583
cultural methods, pot plants 418, 1117, 1119, 1122, 3487, 3492, 6177-6178, 6197, 6199, 6202
cut flowers
preservatives 6186, 7920
production
cultural methods 3490, 5388, 6195
India 5387
protected cultivation 414, 1119, 2583, 3488, 6656, 7110, 8980
vase life 7920, 8094
cuttings
rooting
growing media 9801
mist 7108
seasonal variation 3486
treatment, growth regulators 3486, 6198
diseases
biological control 5820
Botrytis cinerea 1120
control 2588
Didymella chrysanthemi 6200
Fusarium oxysporum f.sp. *chrysanthemi* 2582, 5389, 7926
Fusarium oxysporum f.sp. *tracheiphilum* 2582, 5389, 7926
Pseudomonas cichorii 7925, 7928
Puccinia horiana 6201, 7107
dwarfing 6198
growth regulators 2586-2587
stresses 3896
flowers
development
growth regulators 2586-2587, 3493, 6669
light 6206
photoperiodism 1122, 3493, 6204
temperature 1122, 6204-6206
initiation
growth regulators 5377
photoperiodism 5377, 5391, 6204
temperature 6204
fungicides, injuries 6201
growing media
composition 6197
water relations 6197
growth regulators
ancymidol, responses 2586
daminozide, responses 2586-2587
GA, responses 3493
paclobutrazol, responses 3473, 7894
piproctanyl bromide, responses 2586
reviews, China 3465
irrigation
responses 5388, 6197
water, composition 3489

Chrysanthemums *cont.*
mutants, induction, X radiation 7106
mycorrhizas 1118
nutrition, nitrogen 1118
pests
biological control, books 8439
control 2588
Hoplolaimus galeatus 3490
Liriomyza 2589
Liriomyza trifolii 1121, 3490-3491, 6203
Meloidogyne incognita 3490
Tetranychus urticae 3490
photoperiodism 1121, 5391
photosynthesis, pests 2589
pinching, responses 6198
plant
composition 543
development
humidity 9790
mathematical models 5392
planting, seasons 5387
planting stock, production, techniques 2584
pollution, ozone 7927
protected cultivation
carbon dioxide 9802
cultivars 2583
cultural methods 1768, 2586-2587, 3488
economics 3903
energy conservation 7110
energy requirements 2138
light 5392, 6206, 7899
nutrition 1119
pests 1121
photoperiodism 1117, 1122
temperature 1117, 1122, 5390, 5392, 6195, 7110, 8473
reports
India 3022, 6615
UK 3885, 4827
salinity, responses 414
soil fumigation 3490
soilless culture, diseases 6201
tissue culture
propagation
micropropagation 2585, 6196
techniques 2584, 7106, 7109
trichomes 1121
water relations
growth regulators 3492
salinity 3492
weed control 2588
Chrysodeixis acuta, tomatoes 1736
Chrysomphalus aonidum, grapefruits 2053
Chrysopa, control, of *Maconellicoccus hirsutus,* grapes 184
Chrysophyllum oliviforme, cultural methods, containers 5483
Chrysothamnus nauseosus
establishment, spoil banks 9890
reviews 10044
tissue culture, propagation, micropropagation 2025
Cichorium (*see also* Chicory; Endives)
Cimicifuga racemosa, rhizomes, composition 1313
Cinchona
plant, composition, alkaloids 8244
reviews 4557
Cinchona ledgeriana
diseases, *Phytophthora cinnamomi* 9989
plant, composition, alkaloids 9989
tissue culture
biochemistry 571
metabolites, production 1951, 5595, 9163-9164, 9990-9991
Cinchona pubescens
plant
composition
quinones 6377
tannins 555
tissue culture, metabolites, production 572, 1951, 7271, 9163
Cinerarias (*see Senecio)*
Cinnamomum
flowers, biology 7229
plant, composition 5533
Cinnamomum aromaticum
plant
composition
flavonoids 1250
glycosides 7272-7273
tannins 555, 7273
Cinnamomum camphora, leaves, spectral data 7495
Cinnamomum obtusifolium
plant
composition
flavonoids 1250
glycosides 7272
Cinnamomum sieboldii, plant, composition, essential oils 7240
Cinnamomum zeylanicum
plant
composition 9966
cytotoxic compounds 6326
Cinnamon (*see Cinnamomum)*
Cirsium arvense, as weeds, apples 3940
Cissus antarctica
cuttings, production, techniques 9034
growing media 4423
Cissus junceum, plant, composition 7257
Cissus pallida, plant, composition, phenolic compounds 9165
Cissus quadrangula, photosynthesis, CAM pathway 8036
Cistanche salsa, plant, composition, glycosides 1952
Cistus incanus, plant, composition 2752
Citrange stunt complex, *Citrus* 5662
Citranges
as rootstocks
Citrus 2039, 4631
clementines 5669
grapefruits 3738, 4657
lemons 620
limes 5670
mandarins 2876, 4629
oranges 1394, 1407, 2842, 5671, 7325, 7351, 9222
cultivars, nutrition 3746
fungicides, responses 9227
leaves, development, carbon dioxide 8332
mycorrhizas 2854, 3747, 9227
nutrients, absorption, assessment 2039
nutrition
calcium 7336-7337
nitrogen 10063
phosphorus 2854
pests
Belonolaimus longicaudatus 2861
Diaprepes abbreviatus 621
Radopholus citrophilus 6461
planting stock, production, containers 7170
roots, composition 1418
rootstocks, pests 6461
salinity, tolerances 5664
seeds
storage, systems 3736
treatment 2841
tissue culture, propagation, techniques 7322
water relations, physiology 3737
weed control 5676
Citrons
cultivars, characteristics, USA 7321
plant, composition, essential oils 5660
production, France, Corsica 5660
roots
biochemistry, salinity 3750
composition 1418
rootstocks, assessment 5669
salinity, responses 3750
seedlings, development, nucellar clones 2867
Citrullus (*see also* Watermelons)
Citrullus colocynthis, seeds, composition 6035
Citrullus vulgaris* var. *fistulosus
nutrition 268
seedlings, development, growth regulators 1713
Citrumelos
as rootstocks
Citrus 4631
lemons 620
Citrumelos *cont.*
as rootstocks *cont.*
limes 5670
oranges 5671
leaves, development, carbon dioxide 8332
mycorrhizas 3747
nutrition
calcium 7336-7337
nitrogen 10063
pests, *Belonolaimus longicaudatus* 2861
tissue culture, propagation, techniques 10061
water relations, physiology 3737
Citrus (*see also* Calamondins; Chironjas; Citranges; Citrons; Citrumelos; Clementines; Grapefruits; Kumquats; Lemons; Limes; Mandarins; Natsudaidais; Oranges; Ortaniques; *Poncirus trifoliata;* Pummelos; Rough lemons; Satsumas; Sour oranges; Tangelos; Tangors)
acaricides, application 7346
books, India 5
budding, budwood, sources, USA 7321
climate, microclimate 2041
conferences 6600
cultivars
characteristics, USA 7321
diseases 5662
disorders 7343
cultural methods
Brazil 7309, 7326, 8460
Gambia 6598
defoliation
growth regulators 7344
herbicides 7344
diseases
Alternaria citri 8343
biological control, reviews 2859
Botryodiplodia theobromae 8343
citrange stunt complex 5662
Citrus greening 4646
Citrus tatter leaf virus 5662
Citrus tristeza virus 4633, 5671
control
Brazil 34
India, books 3870
Fusarium 8343
Geotrichum candidum 6489
Gibberella baccata 7345
mycoplasmas 4633
Penicillium digitatum 2880, 6489, 8343
Penicillium italicum 8343
Phytophthora 6658, 7345
Septoria 7345
Spiroplasma citri 3753
stubborn 3753
surveys, Brazil 7342
Xanthomonas campestris pv. *citri* 7344, 9234
disorders
chlorosis 7336
decline 7343
drying, techniques 643
flowers, development, physiology 10085
frost
injuries, surveys 5808
protection
cultural methods 2043, 5674
irrigation 2045
materials 5674
resistance, physiology 1557
fruits
cracking 2057
development, shelterbelts 10068
drop, physiology 8340
ripening, environment 641
grafting, techniques, micropropagation 6465
growth regulators, ethephon, responses 7344
herbicides, application 625
high density planting, rootstocks 7324
insecticides, application 32
irrigation
equipment 2048, 4639
fertilizers, application 7464
requirements, determination 6627

Citrus cont.
irrigation cont.
responses 635, 2045, 5679
systems 2045, 2850, 4639, 5679
leaves, spectral data 2126
mycorrhizas 9226
nurseries, cultural methods 2045
nutrients, requirements, analysis 2853, 5687, 7332-7333, 7501
nutrition 4800
iron 9368
nitrogen 623, 3746, 8331
reviews 7335
phosphorus 734, 3746
potassium 635, 3746
surveys
Brazil 7328
Turkey 4643
pesticides
application 634
coverage 4863
pests
Aleurocanthus woglumi 631
Anastrepha 616
Anastrepha ludens 6477
Anoplolepis custodiens 4650
Aonidiella aurantii 8335
Belonolaimus longicaudatus 2861
biological control
Caribbean 2
reviews 2859
Brevipalpus phoenicis 2864
Ceratitis capitata 616
Ceroplastes destructor 7349
Ceroplastes floridensis, reviews 6479
Cryptophlebia leucotreta 6480
Diaprepes abbreviatus 621
Eutetranychus banksi 7346
Helix aspersa 1414
integrated control 8334
reviews 6476, 8333
USA 5697
Nematoda 4648
Panonychus citri 7346
Pheidole megacephala 4650-4651
Phyllocoptruta oleivora 4649, 7346
Prays citri 8335
Radopholus similis 1413
Scirtothrips citri 6483
Trioza erytreae 4646
Tylenchulus semipenetrans 622, 1413, 2863
Unaspis yanonensis 5698, 7350
voles 5699
photosynthesis, measurement 9323
plant
composition
carbon 8464
enzymes 2837
growth regulators 5705
sulphur 2127
development, phenology 2899
plant residues, utilization, energy sources 1432, 2048
planting stock
production
containers 633, 1403
techniques 4633, 6462
tissue culture 7322, 9223, 10061
production
Angola 4623
Brazil 6624
Spain 641
products
fuels 1432
wines 2838
regeneration
nutrition 623
topworking 623
reports
Argentina 9314
Australia 6607, 6609
Brazil 743, 2121
Cuba 9315
Cyprus 9316
Fiji 3021
India 3022, 6615
Israel 7459
Malaysia 3884
South Africa 3024, 9318

Citrus cont.
research, Sri Lanka 2896
rootstocks
assessment, reviews 4631
characteristics 8326, 8328
diseases 4631, 7320, 8328
nutrition 7336-7337, 10063
pests 621-622, 2861, 8328
propagation
seeds 1403, 3736, 6464
tissue culture 7322, 10061
salinity 5664
spacing 7324
water relations 3737
salinity, responses 4645
seedlings, selection 5664
shelterbelts 10068
soil types 623, 3743, 4643, 4645, 7330, 8331
storage
diseases 2880, 6489, 8343
pests 6477
storage dips
fungicides 2880
waxes 8343
systems, cold storage 5735
taxonomy
chemotaxonomy 2837
nomenclature 6460, 10058
tissue culture
propagation
embryos 9223
ovules 9223
topworking 623
water relations
environment 3911
physiology 635, 3911
weed control 625, 1400
Citrus amblycarpa
as rootstocks
grapefruits 3738
mandarins 4629
Citrus bergamia, plant, composition, essential oils 7241
Citrus depressa, as rootstocks, limes 5670
***Citrus* exocortis viroid**
clementines 9230
oranges 9230
***Citrus* greening**
Citrus 4646
grapefruits 9232
Citrus hassaku
diseases, *Citrus* tristeza virus 9230
fruits, cracking 2057
Citrus hystrix, diseases, *Oidium tingitaninum* 7320
Citrus iyo, fruits, cracking 2057
Citrus junos
fruits, composition 1431
hybrids, characteristics, USSR 8322
Citrus karna
plant, composition, essential oils 3624
roots
biochemistry, salinity 3750
composition 1418
salinity, responses 3750
Citrus latifolia
disorders, stylar-end breakdown 1428
flowers
initiation 1419
temperature 7354
water relations 7354
fruits
colour
assessment 645-646
storage 646
composition 2882
ripening, biochemistry 10090
irregular bearing, cultivars 4661
pests
Belonolaimus longicaudatus 2861
Polyphagotarsonemus latus 5695
plant
composition
calcium 5686
essential oils 2882
magnesium 5686
nitrogen 5686
phosphorus 5686
potassium 5686
plant residues, composition 5716

Citrus latifolia cont.
products, essential oils 5716
rootstock scion relationships, biochemistry 5686
Citrus limettioides
as rootstocks, oranges 10071
plant, composition, essential oils 3624
Citrus limonia
as rootstocks
Citrus 2039
lemons 620
mandarins 2876
oranges 1397
cultivars, diseases 7319
diseases, *Elsinoe fawcettii* 630
mycorrhizas 8330
nutrients, absorption, assessment 2039
nutrition
nitrogen 10063
phosphorus 1410, 8330
plant, composition, flavonoids 6495
roots
biochemistry, salinity 3750
composition 1418
salinity, responses 3750
Citrus macrophylla
as rootstocks
citrons 5660
Citrus latifolia 5686
grapefruits 3738
lemons 4630, 5668
limes 5670, 5686
cultivars, nutrition 3746
nutrition, nitrogen 10063
pests, *Belonolaimus longicaudatus* 2861
Citrus maderaspatana, cultivars, biochemistry 2838
Citrus meyeri
cuttings 5667
frost, protection, heaters 1399
plant, composition, essential oils 6494
planting stock, production, containers 10065
protected cultivation
pruning 5683
systems, assessment 6467, 10067
pruning, systems, assessment 5683
shelterbelts 6467
Citrus nobilis
nutrition
calcium 3744
magnesium 3744
phosphorus 3744
potassium 3744
Citrus sudachi, fruits, composition 2062
Citrus taiwanica
as rootstocks
Citrus latifolia 5686
grapefruits 4657
limes 5670, 5686
nutrition, nitrogen 10063
Citrus tamurana
fruits
development
growth regulators 5710
parthenocarpy 5710
rootstock scion relationships, growth 10064
Citrus tankan, tissue culture, propagation, techniques 624
***Citrus* tatter leaf virus**
Citrus 5662
mandarins 9230
***Citrus* tristeza virus**
Citrus 4631, 4633, 5671, 8328, 9230
grapefruits 9231
oranges 8327
Citrus volkameriana
as rootstocks
citrons 5660, 5669
grapefruits 3738
lemons 4630, 5668-5669
mandarins 2876, 4629
oranges 5671
cultivars, nutrition 3746
diseases, *Sphaeropsis tumefaciens* 9236
nutrition
calcium 7336-7337
nitrogen 10063

Citrus volkameriana *cont.*
plant, composition, polysaccharides 2843
rootstock scion relationships
biochemistry 2843
nutrition 6463
seeds, treatment 2841
Cladosporium, control, of *Botrytis cinerea,* grapes 5938, 8710
Cladosporium cladosporioides, grapes 2317
Cladosporium cucumerinum
cucumbers 5233, 8820
melons 6025
Clausena anisata, plant, composition, coumarins 3653
Clavibacter xyli, sugarcane 7424
Clay
utilization
growing media
foliage plants 4423
Helichrysum bracteatum 1138
Kalanchoe 1194
Rhododendron yedoense 6299
Clematis
breeding
diseases 4463
USSR 4463
plant, composition, lactones 1288
species, characteristics 6308
Clematis crassifolia, landscaping, USA 8098
Clematis recta, plant, composition, lactones 1288
Clementines
as rootstocks, mandarins 9233
cultivars, assessment, South Africa 2839
diseases, *Citrus* exocortis viroid 9230
fruits
development, growth regulators 8341
flavours, biochemistry 8497
ripening, biochemistry 1420
growth regulators
chlormequat, application 10087
GA, application 10087
pests, *Polyphagotarsonemus latus* 5695
protected cultivation, systems, greenhouses 3742
rootstock scion relationships
growth 10062
yields 10062
rootstocks
assessment 5669
characteristics 8325
yields, protected cultivation 3742
Cleome brachycarpa, plant, composition, lactones 9992
Cleome viscosa, plant, composition, organic acids 2777
Clepsis spectrana, *Cyclamen* 4379
Clerodendrum
flowers
initiation
growth regulators 5377
photoperiodism 5377
Clerodendrum inerme, plant, composition, flavonoids 7274
Clerodendrum neriifolium, plant, composition, terpenoids 7275
Clivia miniata, mutants, induction, colchicine 9025
Cloches (*see* Protected cultivation)
Clostridium butyricum, tomatoes 6147
Cloves (*see Syzygium aromaticum)*
Cnephasia jactatana, *Actinidia chinensis* 7586
Cnidium officinale, pesticides, residues 8168
Cnidoscolus chayamansa, plant, composition, enzymes 4612
Cnidoscolus urens, plant, composition, terpenoids 2778
Coal
utilization
soil amendments
lawns and turf 3550
woody plants 491
Cobaea aschersoniana, characteristics 8996
Cobaea minor, characteristics 8996
Cobaea scandens
characteristics 8996
seeds, development, histology 7125
Cobaea trianaei, characteristics 8996
Cobalt
absorption, tomatoes 1732
composition
coconuts 2909
horticultural crops 6655
Lactarius 409
Pleurotus 409
deficiency, peas 6973
determination, carrots 4335
metabolism
herbicides, lettuces 6898
iron, tomatoes 9752
pollution, lettuces 6898
nutrition
grapes 2314, 3240
peas 6973
Plantago arenaria 6420
tomatoes 9752
responses, *Pharbitis nil* 5397
toxicity, peas 6973
Cobalt nitrate, application, avocados 1393
Cobnuts (*see* Hazelnuts)
Coccinellidae, control, of *Planococcus citri,* pot plants 3474
Coccobius fulvus, control, of *Unaspis yanonensis, Citrus* 7350
Coccus viridis, oranges 1415, 4669
Cochlearia armoracia (*see Armoracia rusticana)*
Cochliobolus bicolor, grapes 2317
Cochlospermum vitifolium, plant, composition 8159
Cocoa
books 3012
budding 666
cultivars
assessment, Indonesia 4724, 6526
characteristics 4723
Brazil 8381
diseases 6525
nutrition 669
cultural methods
Brazil 8460
Ivory Coast 668
slopes 9260
Solomon Islands 2075
diseases
cacao swollen shoot virus 5741
control 2905
Papua New Guinea 3790
Moniliophthora roreri 6525
Phytophthora 3791
economics, Vanuatu 1464
growth regulators, growth retardants, responses 8369
herbicides
application 2897
tolerances 2897
hybrids, nutrition 9263
intercropping 10133
bananas 4730, 6530
coconuts 3790, 4730, 6527
rubber 6530
leaves
areas, assessment 4725
development
growth regulators 670
water relations 670
mycorrhizas 9261
nutrition
aluminium 9263
boron 669
calcium 2076, 6529
pests
Conopomorpha cramerella 7401
control 2905
Papua New Guinea 3790
photosynthesis, physiology 3792
plant, composition, tannins 9140
plant residues
composition 2079
utilization, reviews 4726
planting stock
production
techniques 7400, 9259
Cocoa *cont.*
planting stock *cont.*
production *cont.*
tissue culture 3789
pollination
pollinators, *Forcipomyia* 6530
pollution 9264
processing
residues 1279, 2079, 4726
reviews 2078
production, Brazil 10133
products, reviews 2078
reports
Colombia 3020
Fiji 3021
Ghana 2122
Malaysia 3884
Nigeria 6618
Sarawak 6619
reviews 7399
seedlings
development
assessment 1465
nutrition 9262
physiology 3788
waterlogging 7400
seeds
composition 3793
development, biochemistry 8383
germination, sowing date 9259
morphology 4723
quality, size 3788
shade, responses 667, 3790, 6527-6528
soil types 9260
soil water, rain 8382
storage 2077
tissue culture, propagation, techniques 1466, 3789
water relations, physiology 670
weed control 2897-2898, 2903-2905
yields, pests 7401
Coconuts
climate, requirements 8385
cover crops, cultural methods 9265
cultivars
characteristics 4729
photosynthesis 3797
cultural methods
containers 5483
Vanuatu 4727
diseases
Drechslera incurvata 2912
Ganoderma lucidum 4732
Pestalotiopsis palmarum 1469
disorders, root (wilt) 2908-2911
drought, resistance, biochemistry 6533
flowers, development, cultural methods 4733
fruits
composition 7383, 9256
thinning, responses 4733
herbicides
application 2897
tolerances 2897
intercropping
bananas 4730
cashews 10133
cocoa 3790, 4730, 6527, 10133
coffee 3800
Paullinia cupana 10133
Piper methysticum 4727
Piper nigrum 4727, 10133
irrigation, systems 5742
leaves, anatomy 1494, 6550
nutrition 1467
chlorine 1492
deficiency, reviews 2907
green manures 2906
nitrogen 1468, 2912, 6532
phosphorus 1468, 2912, 6532
reviews 3796
potassium 1468, 2912, 6532
nutritional value 7402
nuts, composition 4734, 7402
pests
biological control, Caribbean 2
control, India 717
Opisina arenosella 673, 1468
Oryctes rhinoceros 674-675, 8388-8389
rodents 8390

Coconuts *cont.*
pests *cont.*
Tirathaba rufivena 675
photosynthesis
cultivars 3797
measurement 3797
planting, spacing 672
planting stock, production, techniques 3795
pollution, heavy metals 2908
processing, quality, cultivars 4728
production
Brazil 10133
China 8385
Mauritius 4831
products, oils 539, 5558
rain, injuries 8386
regeneration, replanting 6531, 9265
replanting, cultural methods 6531
reports
Colombia 3020
Fiji 3021
India 717, 1531, 6614-6615
Jamaica 4820
Malaysia 3884
Sarawak 6619
research, Tuvalu 3888
sap, extraction 4733
seedlings
development, assessment 3795
selection 3794
seeds
composition 8149, 9266
germination, size 3795
soil management, responses 4731
storage, pests 8451
tissue culture
organogenesis 676
propagation
embryos 8384
techniques 671
utilization, shade plants, cocoa 6527
weed control 2897, 4731
wind, injuries 8386
Cocos (*see also* Coconuts)
Codiaeum, cultural methods, pot plants 6262, 9867
Codiaeum variegatum
cultivars
diseases 2690
light 2654
cultural methods, pot plants 2654
diseases, *Xanthomonas campestris* pv. *poinsettiicola* 2690
fungicides, injuries 4412
growth regulators, paclobutrazol, responses 7894
leaves, biochemistry, seasonal variation 1186
Codonanthe crassifolia, photosynthesis, CAM pathway 5407
Coelogyne, chromosomes 1202
Coelogyne asperata, cultural methods 8047
Coelogyne cinnamomea, cultural methods 8047
Coelogyne corymbosa, cultural methods 8047
Coelogyne cristata, cultural methods 8047
Coelogyne elata, cultural methods 8047
Coelogyne meyeriana, cultural methods 8047
Coelogyne multiflora, characteristics 8048
Coffea, seeds, morphology 2926
Coffea congensis, seeds, morphology 2926
Coffee
breeding, reviews 10136
conferences 9307
cultivars
assessment
Cuba 677
India 7403
biochemistry 3806
harvesting 5746
nutrition 5744
physiology 2913
spacing 2080
temperature 679, 4737
water relations 2925, 8391
cultural methods
Ghana 10135
India 4735

Coffee *cont.*
cultural methods *cont.*
reviews 10134
Sri Lanka 3800
Togo 10143
Zimbabwe, books 4796
cuttings 4738
sources
cultural methods 3799
ringing 3799
treatment 6534
diseases
Cercospora coffeicola 682, 1475
control 763
Gibberella stilboides 682
Glomerella cingulata 682, 3804
Hemileia vastatrix 1476, 3805, 6538
Phoma costarricensis 5745
Pseudomonas syringae 3803
Rhizoctonia solani 2924, 9269-9270
drought, resistance, cultivars 8391
economics
Australia 3798
Nigeria 4736
flowers
development
assessment 10146
physiology 10147
initiation
cultivars 2081
photoperiodism 2081
frost, resistance, cultivars 4737
fruits
composition 2927, 5747
development
biochemistry 685
growth regulators 680
quality, nutrition 3802
ripening, growth regulators 3807
set, growth regulators 4739
fungicides, residues 1477
growth regulators 3801
auxins, responses 2922
cytokinins, responses 2922
2,4-D, responses 4739
ethephon, responses 3807
GA, responses 2922
IAA, responses 4739
NAA, responses 680, 4739
triacontanol, responses 2922
harvesting, harvesting date, assessment 5746
herbicides
application 2897
tolerances 2897, 2914
intercropping
Cordia alliodora 8392, 10142
Erythrina poeppigiana 8392, 10142
irrigation
economics 10143
requirements, determination 9267
responses 2916, 6536, 10143
nutrition 4800, 8392-8393
manures 1473, 3801
nitrogen 1474-1475, 2923, 3802, 4740, 10145
phosphorus 734, 1475, 3802, 4740, 10145
potassium 1475, 3802, 4740, 5744, 10145
reviews 10144
trace elements 3801
zinc 6537
pests
Coloborrhis corticina 8394
Perileucoptera coffeella 683-684, 2918, 7404
plant
composition 6655
alkaloids 4742
phenolic compounds 8395
plant residues
composition 3808
utilization, fertilizers 5744
planting
spacing 1471, 2080, 2916, 6536, 10141
systems 2915

Coffee *cont.*
planting stock
production
containers 10138
techniques 2914, 6534-6535, 10137, 10139
tissue culture 678
reports
Brazil 6610
Ghana 2122
Malaysia 3884
Nigeria 6618
Sarawak 6619
roots, development 2915
seedlings
production
cultural methods 10139
light 10138
seeds
composition 7405, 8397
morphology 2926
storage, humidity 1470
treatment 9270
soil management, systems 9268
soil types 2994
storage
pests 8451
systems, assessment 8396
tissue culture
metabolites, production 681
propagation, techniques 678, 10140
responses
light 681
salinity 681
temperature 681
weed control 1472, 2897-2898, 2917-2921, 5743
yields, diseases 3805
Coix lacryma-jobi, seeds, composition 8208
Cola
reports
Ghana 2122
Nigeria 6618
Cola acuminata, seeds, germination, physiology 10148
Cola nitida, seeds, composition 3809
Colchicum autumnale, corms, composition 8209
Colchicum kesselringii, plant, composition, alkaloids 6378
Colchicum luteum
corms, composition 8209
plant, composition, alkaloids 6379
Colchicum speciosum, plant, composition, alkaloids 6380
Cold (*see also* Frost; Temperature; Winter hardiness)
injuries
poinsettias 7194
reviews 753
subtropical fruits 8370
tomatoes 8370
tropical fruits 8370
protection, *Capsicum* 6989
resistance
biochemistry
apples 3928
cucumbers 1002, 5345
horticultural crops 6857, 9371
Morus bombycis 5876
tomatoes 3444
cultivars
Aglaonema 7171
apples 3085, 3928
cucumbers 6013
Cucurbita 6012
grapes 6820
melons 3333
peaches 8577
pecans 8609
raspberries 878
Saintpaulia 6217
strawberries 2290
sugarcane 2958
growth regulators
cucumbers 992, 2440, 5345
Cucurbita pepo 992
Phaseolus vulgaris 5275
tomatoes 2440, 2523, 5345, 7048

Cold *cont.*
resistance *cont.*
irregular bearing, pecans 8609
physiology
blackberries 8634
grapefruits 3760
Jerusalem artichokes 1687
Nerium oleander 5529
pecans 8609
Phaseolus vulgaris 7803-7804
plants 3916
Rhododendron kiusianum 8075
tomatoes 3444, 5529
pruning
grapes 7673
peaches 8588
responses
cherries 9478
cucumbers 1551
Episcia reptans 1551
Lilium 9385
Passiflora 1551
temperate fruits 9385
tomatoes 5343
treatment
apples 6719
Artemisia dracunculus 7228
cherries 2231
chicory 8782
garlic 5170
Hydrangea macrophylla 8067
lettuces 7741
Lilium maculatum 1158, 6243-6244
Limonium 9816
peaches 6719
Rhododendron 7198
Scilla mischtschenkoana 5453
strawberries 5092-5093
tomatoes 4311
tulips 5444, 7991
Coleosporium domingense, *Plumeria rubra* 6321
Coleostephus myconis, plant, composition, anthocyanins 7096
Coleus
breeding, reviews 1827
growing media 4423
leaves, variegation, genetics 6274
water relations, measurement 2128
Coleus blumei
cultivars
growth regulators 1190
water relations 1190, 7172
cuttings 7090
herbicides, injuries 6174
leaves, variegation, physiology 1189
plant, composition, photosynthates 1188-1189
planting stock, production, techniques 1763
Coleus forskohlii
plant
composition
ketones 6381
terpenoids 3677
Coleus hybridus
herbicides, injuries 6175
weed control 6175
Colletotrichum
Capsicum 4292
Piper betle 2031, 2817, 2821
Piper nigrum 4485
Colletotrichum acutatum, strawberries 4081
Colletotrichum boehmeriae, *Boehmeria nivea* 2751
Colletotrichum capsici
Capsicum 4295
Curcuma longa 9120
Piper betle 2755, 5563
Colletotrichum circinans, onions 7709
Colletotrichum higginsianum, Chinese cabbages 5206
Colletotrichum lagenarium
cucumbers 5250, 7780, 8820
Cucurbita maxima 6937
watermelons 2411
Colletotrichum lindemuthianum, *Phaseolus vulgaris* 6962, 8856-8857
Colletotrichum musae, bananas 7398
Collomia grandiflora, pollen, ultrastructure 9244
Coloborrhis corticina, coffee 8394
Colocynthis vulgaris *(see Citrullus colocynthis)*
Colombia
Borojoa patinoi, cultural methods 5787
horticultural crops, new journals 5789
Colomerus vitis, grapes 6842
Columnea, cultivars, assessment, Netherlands 9101
Columnea linearis, photosynthesis, CAM pathway 5407
Columnea mortonii, cultural methods, pot plants 1185
Colysis hemionitidea
plant
composition
coumarins 2655
nucleic acids 2655
Combretum micranthum, plant, composition, flavonoids 573
Commelina communis, flowers, colour, spectral data 5378
Commelina nudiflora
as weeds
cocoa 2903
peaches 2246
Commiphora mukul, plant, composition, essential oils 3632
Compositae
plant
composition 1287
essential oils 9946
taxonomy, chemotaxonomy 39
Computers
control
climate
greenhouses 4857-4858, 5814, 6645-6646, 6651, 9349, 9356-9358, 9362-9365, 9367
mushrooms 9775
environment, greenhouses 760
heating systems, greenhouses 3906
irrigation, nurseries 9329
nutrient solutions, greenhouses 4857
storage
horticultural crops 4874
onions 2366
tissue culture, Orchidaceae 5475
monitoring
cultural methods
apples 5846
ornamental plants 3467-3468
irrigation
apples 9414
tomatoes 8919
nutrition, plants 6628
tissue culture, plants 3029
recording
environment 6661
apples 9414
utilization
grading
horticultural crops 1554
tomatoes 392, 1091
horticulture 2571, 4836
research, sugarcane 5763
Conferences
Advances in photosynthesis research 42, 210, 322-323, 326-334, 1718-1719
African symposium on horticultural crops 738, 748, 775, 783, 811, 816, 840, 857, 888, 913-914, 919, 922, 924, 933, 991, 1011, 1020, 1062, 1064, 1081, 1098, 1165, 1391, 1404, 1406, 1411, 1433, 1438, 1442-1443, 1462, 1473-1474, 1483, 1497, 1514, 2117, 2289, 2334-2336, 2463, 2522, 2557, 2896, 2899, 2947, 3461, 3541, 3772, 3802, 3855
Agri-Mation 2 7458, 7892, 8919
Agricultural engineering 4843, 4860, 4874, 5153, 5723, 5763, 5773-5774, 5816
Agricultural waste utilization and management 5908
Conferences *cont.*
Alternative sources of energy for agriculture 27-29, 721
Amenity grass research 7457, 8003-8004, 8009, 8011
American Society of Plant Physiologists 8450
Assessment of nitrogen fertilizer requirement 3298
Attributes of trees as crop plants 3016
Australian mango research workshop 9308, 10149-10176
Australian Society of Sugar Cane Technologists 7449, 8419
Behavioural and physiological approaches in pest management 32, 540-543, 550, 674
Better brassicas '84 3879
Biochemical Society 3302-3304, 3316, 3457-3458
Biological control 8535, 8575, 8711-8712, 8981, 9065
Biological control in agricultural integrated pest management systems 2315, 2859
Biological control in pest management 8500
Biological control of insects of economic importance 8388-8389
Bioregulators: chemistry and uses 1618
Biotechnology and crop improvement and protection 7450, 7782
Biotechnology in international agricultural research 6517
Biotechnology in the Americas, applications in tropical agriculture 5798, 6466, 6587
Botanical Society of America 2112, 2486, 2799
Botrytis symposium 5799, 5912, 5922, 5932-5933, 5936-5939, 5954, 5970, 5983, 6157, 6214
Brazilian congress on herbicides and herbaceous weeds 2453-2462, 2903-2904, 2917-2920, 2953-2954, 2962-2979, 4786
Brazilian Nematology Society 7427
Breeding cucumbers and melons 987-988
California Weed Conference 3547
Cell surface in plant growth and development 6605, 6666, 6875, 7071
Chromatography 9325
Citrus productivity 6600, 7324, 7326-7328, 7330-7331, 7342
Clonal selection in tree fruit 8442, 8509, 8562-8563, 8565-8566, 8615
Coffee 9307, 10134-10141, 10143-10145
COLUMA 471
Composts as horticultural substrates 7, 200, 289, 358, 364-366, 410, 419, 455, 1076
Control processes in seeds 7455, 7512
Crop production using cover crops and sods as living mulches 8
Cultural modification of fruits and vegetables for mechanized production 3014, 3197, 3233, 3256, 4917
Drip/trickle irrigation in action 4841, 4886-4888, 4913, 4971, 5037, 5057, 5059, 5065, 5130-5132, 5200, 5242-5243, 5247, 5310-5312, 5315, 5330-5333, 5657-5658, 5677-5681, 5738-5739, 5742, 5766-5770
Dryland farming research in Kenya 6041-6042, 8849
Ecology and management of soilborne plant pathogens 5971, 6179, 6190
Ecology, biology and systematics of weeds 253
Energy from biomass 9297
Ethnobotany in the neotropics 8449, 8460-8461, 8720, 8961, 9142-9143, 9176, 9213
Ethnobotany of the Greater Southwest 3873, 3889, 4605
Ethylene and plant development 9, 43, 294-296, 336, 379

Conferences *cont.*
Ethylene — biochemical, physiological and applied aspects 8446, 8866, 8871-8872, 8880-8882
Faba beans, kabuli chickpeas, and lentils 4228-4229
Farm electronics and computing 6645
Fertilization and embryogenesis in ovulated plants 7451, 7560, 7812
Fertilizers in protected vegetable production 6, 31, 202-203, 212, 244, 258, 266, 359, 361-363, 368, 370
Florida State Horticultural Society 1744, 2040, 2042-2048, 2050, 2288, 2393, 2505, 2510, 2514, 2528, 2571, 2598, 2630, 2644, 2665, 2673, 2715, 2881, 3150, 3467-3468, 3488, 3490, 3552, 3579-3580, 3606-3607, 3777, 3860, 5097, 5222, 5436, 5676, 6025, 6094, 6101, 6131-6132, 6153, 6200, 6268, 6321, 6470, 6475, 6489-6490
Forest-atmosphere interaction 1502
Forest potentials, productivity and value 763
French Phytopathological Society 3925, 4777
Fruit research 9309, 9376-9377, 9416, 9457, 9482, 9505, 9523, 9528, 9534
Genetical principles of breeding 96, 135
Genus *Agave* 2118, 2646, 2648-2650, 2747-2749, 2813-2816
Grapevine training systems in level and hill country 739
Greenhouse climate and its control 4810, 4850, 5220, 5235-5236, 5252, 5254, 5324, 5327-5328, 5340-5341, 5390, 5392, 5401, 9341-9366
Greenhouse construction and covering materials 3019, 3040-3067, 3422
Greenhouse cucumbers 2115, 2409, 2414, 2416-2417, 2419-2425, 2427, 2430, 2432, 2439, 2443-2445
Growth regulators in floriculture 3018, 3031, 3465-3466, 3473, 3475-3478, 3482-3487, 3492-3494, 3501-3503, 3505-3506, 3516, 3519, 3521, 3523, 3526, 3532-3533, 3535-3539, 3555-3556, 3567, 3578, 3586-3589, 3591-3592, 3600
Growth regulators in fruit production 9310, 9369, 9374, 9381, 9384-9385, 9388, 9395, 9408-9409, 9418, 9420-9425, 9449, 9451, 9454-9455, 9459-9462, 9464, 9466, 9478-9480, 9490, 9497-9499, 9504, 9508-9509, 9515, 9525-9526, 9548, 9577, 9591-9592, 9595, 9598-9599, 10085, 10087, 10091, 10100, 10103-10107
Highway pollution 3320
Hop cultivation in Romania 10, 531-535, 537
Host plant resistance and its significance in pest management 784
Hydrology and water resources 5129
IFPRA Europe and ILAM parks seminar 4805
Improvement in betelvine cultivation 1529, 2029-2034, 2817-2827
Improvement of cherry varieties and rootstocks 3875, 3986-3988, 3990-3992, 3994-3996, 4963-4966
In vitro techniques, propagation and long term storage 3923, 3936, 4814, 4838
Indian Society of Weed Science 2357-2359, 2725-2726, 4473-4475, 4502, 4508, 4556
Infraspecific classification of wild and cultivated plants 6635-6636
Insect disinfestation of food and agricultural products by irradiation 8451

Conferences *cont.*
Integrated pest control in olive groves 4806
Integrated plant protection 8443-8445
International *Asparagus* symposium 3389
International Association for Research on Plantains and other Cooking Bananas 1530
International cashew symposium 3877, 4689-4700, 4702-4717, 4719-4721
International Plant Propagators' Society 4808, 4830, 4837, 4899, 4987, 5372, 5457, 5480, 5487, 5522, 5729, 5806-5807, 5809-5810, 5897, 6207, 6222, 6246, 6283-6285, 6289-6290, 6297, 6304, 6312-6313, 6319, 6465, 6503, 7128, 7168, 7183, 7198, 7213, 7222-7223, 7366, 7471, 7938, 7998, 8058-8059, 8069, 8074, 8113
International Symposium on Cool Climate Viticulture and Enology 3876, 4090-4093, 4097, 4101-4104, 4110-4112
International Symposium on Crop Protection 265, 5213
International symposium on plant growth regulators 6669, 6718, 6930, 7934, 7959
International symposium on pollination 3964
International technical workshop on appropriate industrial technology for the control of tropical insect pests and disease vectors 736
International turfgrass research conference 1171-1176, 1179-1181, 1184
Italian Entomological Congress 5884, 5941-5942, 6208, 6476, 6478, 6481-6482, 6506
Land clearing and development in the tropics 9275-9276, 9287
Latin American Weed Association 2453-2462, 2903-2904, 2917-2920, 2953-2954, 2962-2979, 4786
New Zealand weed and pest control conference 5005, 5077, 5079, 5171, 5238-5239, 5264, 5307, 5526, 7586-7588, 7625-7626, 7649, 7676, 8055, 8364
Nitrogen in crop production 6675
North Central Weed Control Conference 472, 474, 6824
Northeastern Weed Science Society 285, 930, 964, 995, 5080, 5211-5212, 5241, 5309, 5329, 5828, 5906-5907, 5930-5931, 5967, 6090, 6174-6175, 6257, 6286, 7161-7164, 7190-7191
Nutrition, growing techniques and plant substrates 8448, 8529, 8727, 8794, 8822, 8837, 8843, 8915, 8924-8927, 8932-8933, 8971, 8975, 9009-9010, 9016, 9033-9034, 9076, 9121
Optimization of plant nutrition 6604, 6626, 6628-6629, 6654-6655, 6673, 6700, 6705-6708, 6711, 6716, 6723, 6731, 6752-6753, 6759, 6770, 6778, 6822, 6825, 6827-6837, 6849, 6872, 6888, 6917, 6919-6921, 6942, 6944-6945, 6993, 7005, 7022, 7024-7025, 7027, 7029-7031, 7034-7040, 7065, 7206, 7224, 7314, 7323, 7329, 7334, 7336-7341, 7358, 7393-7394, 7407, 7414-7415, 7421, 7425
Ornamental plants, cultural methods, Spain 7456, 7478-7480, 7954, 7966, 7969-7970, 7973, 7975, 7983-7984, 7997, 7999-8000, 8025, 8039, 8068, 9793-9796, 9799, 9804-9805, 9816, 9867, 9911
Pea cultivation 4249, 7814
Peaches 4809, 4986, 4988-4994, 4997-5004, 5006-5008, 5011-5012, 5014, 5018-5019, 5022-5025

Conferences *cont.*
Physiology and productivity of subtropical and tropical tree fruits 6602, 6632, 6657, 6670-6671, 6682, 6780, 6782-6784, 7310-7312, 7315, 7317-7318, 7325, 7332-7333, 7335, 7351, 7356-7357, 7365, 7367-7368, 7370-7371, 7377, 7379-7381, 7385-7386, 7391, 7410-7411, 8316-8317, 8329, 8347, 8370, 8376
Phytopharmacy and phytiatry 5993, 6002, 6011, 6026, 6073, 6170, 6180, 6201, 6344, 6538
Plant biochemistry and physiology symposium 6287
Plant growth, drought and salinity 5800
Plant Growth Regulator Society of America 740, 812, 817, 847, 854, 1170, 1190, 1292, 1364, 1416, 1419, 1546, 1550, 1569, 1716, 1742, 1747, 1818-1819, 1905-1906, 2059, 2065, 2087, 2096-2097, 5229, 5275, 5459, 5821, 6056, 6694, 6720-6721, 6845, 7122, 7134, 7172, 7203, 7259, 7298, 7344, 8852, 8863, 8923
Plant protection in apple orchards in Quebec 3880, 3952, 3961, 3963
Plant protection in tropical agriculture 7247, 7347-7348, 7387, 7429
Plant tissue and cell culture application to crop improvement 4813, 5594
Post-harvest physiology of ornamentals 7453, 7893, 7896, 7898, 7900-7911, 7914-7915, 7918-7923, 7929, 7931-7933, 7940, 7942-7944, 7948-7949, 7958, 7963-7964, 7967-7968, 7978, 7985-7986, 7989, 7992, 8001-8002, 8023, 8028, 8038, 8067, 8071-8073, 8084-8096, 8099-8100, 8107-8108
Postharvest handling of vegetables 2208-2216, 2218, 2256, 2270, 2302, 2351-2352, 2365-2366, 2379, 2396-2404, 2446, 2545, 2558, 3017, 3972
Potplant breeding 5797, 6212, 6217
Primary and secondary metabolism of plant cell cultures 9311, 9373, 9968-9970
Production, marketing, industrialization and export of tropical and subtropical fruits in the State of Rio Grande do Sul 6603, 6624, 7309, 7378
Proliferation in plants: induction and control 3878, 4156, 4238-4239
Protected cultivation in the Mediterranean regions 6601, 6625, 6637-6638, 6806, 6808, 6811, 6897, 6901, 6941, 7014, 7028, 7050, 7064, 7114-7115, 7141, 7205
Recent advances in orchid science 8436, 9052, 9055, 9058-9059, 9061
Reclamation of lands disturbed by surface mining 9890
Regulation of sources and sinks in crop plants 4812
Relationship of the metabolism of carbon and nitrogen during photosynthesis 9716
Research and development on orchard and plantation systems 4811, 4880, 4882, 4890, 4896, 4906-4908, 4914-4915, 4921-4923, 4925-4927, 4957, 4969, 5010, 5013, 5034, 5832, 5839-5842, 5845-5846, 5849-5851, 5877-5880, 5893, 6512
Ribes 7454, 7591, 7593, 7597-7598, 7601-7607, 7609
Robot vision and sensory controls 9330
Root systems of vegetable crops 9312
Rubus 7454, 7591, 7593, 7597-7598, 7601-7607, 7609

Conferences *cont.*
Scientific working group on the use of naturally occurring plant products in pest and disease control 736
Soil and Crop Science Society of Florida 2292, 2382, 2518, 2637-2638, 2853, 2983
Soil biology and conservation of the biosphere 2525
Soil dynamics 8734
South African Sugar Technologists' Association 2119, 2980-2982, 3833, 3836, 3843, 3846-3847, 3850-3851
Southern Weed Science Society 2120, 2632-2635
Stem nematodes of agricultural crops and their control, USSR 2298-2299, 2356
Temperate tree fruit and nut breeding 3874, 3932, 4025
The artichoke, cultivation, pests and diseases 2113
Trace substances in environmental health 8723, 8733, 8930, 8948-8949
Tropical Region, American Society for Horticultural Science 4815, 4891, 4905, 4924, 4978, 4995, 5016, 5064, 5095, 5098, 5156, 5670, 5686, 5701-5702, 5733, 5917-5918, 6456, 6472, 6508, 6513-6515, 6530, 6541-6542, 6544, 6552-6554, 6858, 6865, 6869, 6873, 6876, 6987, 6989-6990, 6996-6997, 7026, 7043-7044, 7051, 7054, 7060, 7066-7067, 7070, 7073-7074, 7099, 7103, 7388, 7390, 7396, 7446
Underutilized palms of tropical America 4804, 5784-5785, 5788
United Planters' Association of Southern India 8447, 9298-9302
Vaccinium culture 7452, 7611-7613, 7615-7624, 7627-7628, 7630-7633
Variability of plant cells cultured *in vitro* 6672
Vision 85 4836, 4952
Viticultural aspects of the production of sparkling and semi-sparkling wines 4807, 5102-5114
Wastewater utilization in horticulture 6606, 6684, 6853, 7094, 7207
Water relations in fruit crops 2116, 2144-2145, 2156, 2165, 2174-2175, 2188-2192, 2235, 2247, 2261, 2291, 2319-2321, 2331-2332, 2509, 2560, 2846-2849, 2870, 2872, 2892-2893
Water stress measurement techniques 3015, 3909-3911
Weeds, pests and diseases of grassland and herbage legumes 5458
West African Weed Science Society 2360, 2519, 2897-2898, 2935-2936, 2951-2952
Western Society of Weed Science 7670-7671, 7727
Winter hardiness in woody perennials 1557, 1568, 1570, 1580, 1685, 1764, 2114
World Fertilizer Congress 8482-8489
Coniella diplodiella, grapes 182
Conifer needles
utilization
growing media, greenhouse crops 5371
mulches
lawns and turf 4410
Vaccinium vitis-idaea 7617
Conifers
books 6594
cultivars, pot plants 2674
cultural methods, pot plants 8100
growth regulators, reviews, China 3465
herbicides, tolerances 471
landscaping 7087
urban sites 4432
planting stock, production, containers 471
Coniothyrium minitans, control, of *Phomopsis sclerotioides,* cucumbers 7781
Coniothyrium wernsdorffiae, Rosa 1226
Conium maculatum, seeds, composition 8210
Conocarpus erectus, cultural methods, containers 5483
Conoderus bifoveatus, sugarcane 7429
Conopomorpha cramerella, cocoa 7401
Conotrachelus nenuphar, apples 9391
Consolida regalis, seeds, composition 6382
Container grown plants
growing media, composition 7091
herbicides
application 472
injuries 9063
irrigation
equipment 9329
systems 3577
water, sources 7207
nurseries, equipment 5373
pests, *Liriomyza trifolii* 7897
reports, UK 9320
winter hardiness, assessment 5481
Containers
size
mushrooms 1102
tomatoes 361
types, mushrooms 1102
Convallaria majalis
flowers, development, growth regulators 6021
plant
composition
cardenolides 1314, 9993
glycosides 6249
pollen, development, ultrastructure 9851
Convolvulaceae, taxonomy, chemotaxonomy 7470
Convolvulus
as weeds
Gladiolus 9012
grapes 7669
roses 9907
growth regulators, auxins, physiology 1550
Convolvulus arvensis
as weeds
apples 3940
grapes 171, 2308, 4106-4107
Origanum 9937
peaches 9489
Convolvulus prostratus, plant, composition 8158
Conyza
as weeds
onions 8752-8753
Origanum 9937
Pelargonium graveolens 9951
Conyza canadensis
as weeds **4106**
apples 3938, 3940
pears 3938
plant, composition 7276

Cooling
techniques
grapes 5153
horticultural crops 4873
lettuces 966
mushrooms 1756, 9778
strawberries 2302
vegetables 9609
Copper
absorption
bananas 10122, 10124
celery 9771
lettuces 959, 3314
Phaseolus vulgaris 2451-2452
temperate fruits 6716
tomatoes 6716, 8930
vegetables 4142
composition
coconuts 2908-2909
grapes 177
Grevillea 8106
oranges 9229
pears 4030
squashes 2413
Copper *cont.*
composition *cont.*
tropical fruits 7383
vegetables 3266
deficiency
Asparagus 6981
cucumbers 2427
Gerbera 1772
pawpaws 8410
peas 6973
poinsettias 1862
determination
fruit crops 3920
horticultural crops 6626, 8496
lettuces 3920
mandarins 3918
tomatoes 3918
metabolism
cadmium
leeks 3274
peas 3274
flowering, *Citrus* 7357
growth regulators, sour oranges 10084
lead
leeks 3274
peas 3274
magnesium, pecans 5060
molybdenum, cauliflowers 6921
nitrogen, cucumbers 2429
phosphorus
Citrus limonia 1410
pecans 8610
salinity
guavas 2084
Phaseolus vulgaris 2464
seasonal variation
cherries 3998
persimmons 6510
soil pH, *Vaccinium corymbosum* 5081-5082
zinc
leeks 3274
peas 3274
nutrition
container grown plants 9092
cucumbers 2430, 8837
Exacum affine 9076
foliage plants 8043
Hedera helix 9076
hops 5556
lemons 7341
peas 6973-6974
Phaseolus vulgaris 1020
rubber 6560
Stevia rebaudiana 3730
sugarcane 3842
vegetables 1658
woody plants 9092
requirements
analysis
bananas 8379
cherries 3997
Citrus 7332
grapes 918
sugarcane 3837
assessment, *Phalaenopsis* 1204
responses
Agave 1187
squashes 2413
toxicity
Brassica 3320
cabbages 9664
cucumbers 6945
Gerbera 1772
horticultural crops 9333
peas 6973
poinsettias 1862
spinach 6882
tomatoes 4313
translocation, sour oranges 10073
Coprinus, production, Hungary 1753
Coprinus comatus, growing media, composition 1106
Coprinus lagopus, composition, enzymes 1759
Coprosma, landscaping, New Zealand 7180
Coprosma kirkii
cultural methods, pot plants 9913

Coprosma kirkii cont.
planting stock, production, techniques 1763
Coptis chinensis, plant, composition, alkaloids 9166
Corallocarpus epigaeus, plant, composition 4533
Corchorus, nutritional value 7694
Corchorus olitorius, cultural methods, Nigeria 7072
Cordia alliodora
intercropping, coffee 10142
utilization, shade plants, coffee 8392
Cordia dichotoma, plant, composition 9134
Cordia myxa
plant, composition 7848
seeds, composition 9209
Cordyline, protected cultivation, systems, greenhouses 1112
Cordyline australis, plant, composition, polysaccharides 1236
Cordyline fruticosa
air layering 1822
cuttings, sources, cultural methods 8025
pests, *Chaetanaphothrips signipennis* 3558
plant
composition, polysaccharides 1236
development, vascular system 1828
tissue culture
propagation
meristems 5517
micropropagation 1824, 2656
techniques 1191
Coreopsis, cultivars, assessment, USSR 9946
Coreopsis lanceolata, planting stock, storage 7944
Coriander (*see Coriandrum sativum*)
Coriandrum, cultivars, assessment, USSR 7685
Coriandrum sativum
cultivars, assessment, Mauritius 7230
cultural methods
India 8120
UK 2723
diseases, *Leveillula taurica* 2503
flowers
initiation, physiology 9117
sex, growth regulators 5535
harvesting, seasons 7230
intercropping, *Curcuma longa* 4477
nutrition 499
pests
Hyadaphis coriandri 8121
Petrobia latens 8121
Thysanoplusia orichalcea 500
seeds
composition 1901, 4472
production, cultural methods 2724-2725
sowing, sowing date 8121
weed control 2725
Coriaria japonica, plant, composition, tannins 556
Coriolus versicolor, ornamental value 8962
Corms
development
nutrition, *Gladiolus* 3520
physiology
Freesia 9829
Gladiolus 9829
dormancy
biochemistry, *Gladiolus* 7976
physiology, *Gladiolus* 7977
production, cultural methods, *Gladiolus* 1151, 2615
storage, temperature, *Gladiolus* 7974
treatment
gamma radiation, *Gladiolus* 3521
growth regulators
Freesia 3519, 7136
Gladiolus 3521, 5438, 7140, 7971
heat, *Gladiolus* 7140
sulphur compounds, *Gladiolus* 5437
Cornus
drought, injuries 2677
landscaping, USA 3570
wild plants, surveys, China 6678
Cornus alba
cuttings 5514
treatment 3571
frost, resistance, tests 411
planting stock, production, techniques 3572
pollution, tolerances 475
Cornus canadensis, cultural methods, pot plants 1237
Cornus florida
cuttings, types, summer cuttings 1884
mycorrhizas 9102
water relations, temperature 9912
Cornus kousa, cuttings, cultural methods 469
Cornus mas
climate, requirements 9322
cuttings, types, summer cuttings 8498
Cornus officinalis, plant, composition, tannins 556
Cornus sanguinea, planting stock, defoliation 4434
Corokia buddleioides, trichomes 6181
Corokia cotoneaster, leaves, colour, seasonal variation 1238
Coronilla glauca (*see Coronilla valentina*)
Coronilla scorpioides
plant, composition, amino acids 6384
seeds, composition 6383
Coronilla valentina, seeds, composition 6383
Coronilla varia
plant
composition 4558
amino acids 6384
Corozo (*see also* Oil palms)
Correa backhousiana, trichomes 6181
Correa decumbens, tissue culture, propagation, techniques 4457
Correa reflexa, planting stock, production, techniques 1763
Cortaderia selloana, landscaping, coastal areas 4875
Corticium fuciforme, lawns and turf 1180, 3550
Corticium invisum, tea 7441
Corticium theae, tea 7441
Corvus brachyrhynchos, pistachios 7577
Corybas, cultural methods, pot plants 1203
Corycium ingeanum, characteristics 9887
Corydalis bulleyana, plant, composition, alkaloids 9994
Corydalis bungeana, plant, composition, alkaloids 6385
Corydalis cava
plant, composition, alkaloids 7277
tissue culture, biochemistry 7277
Corydalis clarkei, plant, composition, alkaloids 1953
Corydalis claviculata, plant, composition, alkaloids 2596
Corydalis pseudoadunca, plant, composition, alkaloids 6386
Corydalis remota, tissue culture, propagation, techniques 2779
Corydalis solida, plant, composition, alkaloids 9995
Corydalis stricta, seeds, composition 1954
Corydalis yanhusuo, plant, composition, alkaloids 8211
Corylus (*see also* Hazelnuts)
leaves, anatomy 9093
wild plants, surveys, China 6678
Corynephorus canescens, cultural methods, roofs 3564
Corynespora cassiicola
cucumbers 8820
tomatoes 6132
Corynespora melonis, cucumbers 5233
Coryphantha, protected cultivation, temperature 2647
Cosmos bipinnatus, plant, composition 9135
Cosmos sulphureus, seeds, germination, water relations 4364
Costelytra zealandica
Actinidia chinensis 7587
Vaccinium corymbosum 7625-7626
Costus speciosus
plant
composition
sapogenins 4559
steroids 9167
tissue culture, propagation, techniques 1955
Cotinus coggygria
cuttings 1211
plant, composition, essential oils 9128
Cotoneaster
as rootstocks, *Amelanchier alnifolia* 869
herbicides, injuries 471
planting stock, production, containers 472
wild plants, surveys, China 6678
Cotoneaster acutifolius, as rootstocks, *Amelanchier* 3595
Cotoneaster bullatus, as rootstocks, *Amelanchier* 3595
Cotoneaster dammeri
cuttings, treatment, antitranspirants 7205
mulching
materials 2678
responses 2678
planting stock, production, containers 9092
Cotoneaster divaricatus, seeds, treatment 3600
Cotoneaster lucida, planting stock, production, techniques 3572
Cotoneaster praecox, cultivars, assessment, Norway 9103
Cotoneaster salicifolius, planting stock, production, containers 9092
Cotyledon orbiculata, photosynthesis, CAM pathway 7491
Coumarins
biochemistry, *Artemisia vulgaris* 8185
characterization
Allemanda blanchettii 9974
Eryngium campestre 1962
Peucedanum decursivum 8269
Polygonum hydropiper 3705
composition
Achillea biebersteinii 6350
Achillea krasheninnikovii 6350
Amyris lineata 3663
Angelica edulis 8268
chicory 235
Citrus latifolia 10090
Clausena anisata 3653
Colysis hemionitidea 2655
Daphne odora 7279
Dendrostellera 6390
Derris robusta 541
Ferula caucasica 6401
Ferula gummosa 1968
Ferula litvinowiana 8238
Ficus 1969
Fraxinus 1886
Fraxinus floribunda 578
Gundelia tournefortii 582
Haplophyllum glabrinum 9181
Ipomopsis aggregata 3668
Mammea longifolia 3654
Melilotus caspius 2758
Micromelum minutum 6412
Microsorium fortunei 2655
Mitrephora heyneana 8275
Peucedanum decursivum 8268
Peucedanum praeruptorum 8268
Polyalthia 8275
Prunella vulgaris 2802
Psoralea 6422
Quassia multiflora 1358
Ruta 5629
Sargentia greggii 3710
surveys
medicinal plants 2759
Qatar 5575
Tetrapleura tetraptera 5640
determination
carrots 2551
celery 5362
Heptaptera triquetra 2789
Courgettes (*see* Marrows)
Couroupita guianensis, flowers, biology 8102

Coutarea latiflora, plant, composition 8156
Coutoubea spicata, plant, composition, glycosides 579
Cover crops
conferences 8
control
of *Brevicoryne brassicae,* cabbages 9663
of *Phyllotreta cruciferae,* cabbages 9663
of *Pieris rapae,* cabbages 9663
cultural methods
apples 2178
bananas 10120
coconuts 9265
fruit crops 9384
oil palms 1485-1486, 2931, 2933, 9275
pollution
arsenic 9333
copper 9333
lead 9333
responses
apples 1573, 8518
cabbages 9663
grapes 2307, 8699, 8701
oil palms 2931
Cowberries (*see Vaccinium*)
Crambe abyssinica, production, USA 9210
Crambe maritima, tissue culture, propagation, techniques 9673
Cranberries (*see Vaccinium*)
Crassocephalum crepidioides, plant, composition, alkaloids 3319
Crassula argentea (*see Crassula ovata*)
Crassula ovata, planting stock, production, containers 7207
Crassulacean acid metabolism (*see* Photosynthesis, CAM pathway)
Crataegus
as rootstocks, *Amelanchier alnifolia* 869
wild plants, surveys, China 6678
Crataegus azarolus, climate, requirements 9322
Crataegus brachyacantha, tissue culture, organogenesis 4458
Crataegus laevigata
cuttings, treatment, antitranspirants 7205
plant
composition 8212
tannins 9140
shoots, composition 8213
Crataegus monogyna
as rootstocks, *Amelanchier* 3595
planting stock, defoliation 4434
Crataegus pinnatifida, tissue culture, propagation, techniques 490
Crataegus pubescens, cultural methods, Mexico 130
Crataegus tracyi, seeds, treatment 7211
Crescentia cujete, fruits, set, physiology 6309
Cress
cultivars
assessment
polar regions 6850
USSR 6850, 7685
diseases, *Pythium ultimum* 3327
plant, composition, enzymes 9665
roots
cytology 7754
morphology 8463
seeds
germination, tests 3892
treatment 3327
Criconemella xenoplax, peaches 105, 8594-8595
Criconemoides, lawns and turf 3552
Criconemoides curvatum, Arachniodes adiantiformis 6267
Crinum, plant, composition, alkaloids, reviews 443
Crinum asiaticum, plant, composition, alkaloids 1315
Crinum augustum, plant, composition, alkaloids 1315
Crioceris quatuordecimpunctata, Asparagus 4285
Crocus
diseases, *Penicillium corymbiferum* 3517
plant, composition, phenolic compounds 9785
Crocus sativus
plant, composition, pigments 6232
production, Morocco 9934
Crocus vernus, cultivars, assessment, USSR 9828
Cronartium ribicola, black currants 8631
Crotalaria brevidens, nutritional value 2557
Crotalaria latebrosa, plant, composition, flavonoids 1316
Crotalaria verrucosa, flowers, composition 1956
Croton, protected cultivation, systems, greenhouses 1112
Croton bonplandianus, plant, composition 8904
Croton lobatus, as weeds, sugarcane 2973
Croton penduliflorus, seeds, composition 6387, 8214-8215
Croton zambesicus, plant, composition, essential oils 1957
Cruciferae
as weeds, cucumbers 8826
pollution, phthalates 6639
seeds, composition 8990
Cryptoblabes gnidiella
avocados 10053
grapes 9585
Macadamia 6504
Cryptocarya bourdilloni, plant, composition, flavonoids 1958
Cryptocoryne spiralis, rhizomes, composition 7278
Cryptolaemus montrouzieri, control, of *Planococcus ficus,* grapes 921
Cryptomeria, cultivars, pot plants 2674
Cryptomeria japonica
herbicides, responses 9104
roots, morphology 9914
Cryptophlebia leucotreta
Citrus 6480
Macadamia 6504
oranges 8320
Cryptostylis, cultural methods, pot plants 1203
Ctenanthe, nectaries 1192
Ctenanthe oppenheimiana, transpiration, seasonal variation 9039
Ctenopseustis obliquana
Actinidia chinensis 7586
persimmons 8364
Vaccinium corymbosum 7625
Cuba
bananas, cultivars 2069, 10118
coffee, cultivars 677
lettuces, cultivars 9644
mandarins, cultivars 2840
sour oranges, cultivars 6464, 10060
tomatoes, cultivars 3411
Cucumber green mottle mosaic virus, melons 548
Cucumber mosaic virus
Callistephus chinensis 3504
cucumbers 8820
lettuces 238
tomatoes 548
Cucumbers
allelopathy 2342
cold
resistance
biochemistry 1002
cultivars 6013
growth regulators 992, 2440, 5345
responses 1551
cultivars
assessment
Denmark 6935, 7765
German Federal Republic 8818
Libya 2337
Netherlands 1705
polar regions 6850
USSR 5232, 6850, 6936
biochemistry 987
characteristics
Australia 4187
Cucumbers *cont.*
cultivars *cont.*
characteristics *cont.*
German Democratic Republic 5233
Netherlands 9676
USA 8721, 8820
USSR 7766
Venezuela 1704
diseases 4187, 5232-5233, 5250, 6933, 6935, 7780, 8818
flowering 6933
germination 7769
identification 3336
morphology 3336
nutrition 6022, 8832
processing 1704, 5232, 7766
protected cultivation 1705, 2409, 2424-2425, 5233, 6935, 7766, 8817-8818
sowing date 6933
storage 2409
temperature 6013
cultural methods
containers 2423-2425
Tanzania 2336
diseases
Cladosporium cucumerinum 5233, 8820
Colletotrichum lagenarium 5250, 7780, 8820
control 763
Tunisia 7779
Corynespora cassiicola 8820
Corynespora melonis 5233
cucumber mosaic virus 8820
Didymella 2418
Erysiphe cichoracearum 6933
Fusarium oxysporum f.sp. *cucumerinum* 8820, 8839
Fusarium oxysporum f.sp. *niveum* 2434
Phomopsis sclerotioides 7781
Phytophthora cryptogea 9684
Phytophthora melonis 2434, 4195
Pseudomonas syringae pv. *lachrymans* 8820
Pseudoperonospora cubensis 8820, 8840
Pythium 4196
Pythium aphanidermatum 8841
Pythium irregulare 9684
Pythium splendens 6028
Pythium ultimum 4197
Sphaerotheca fuliginea 8818, 8820, 8842, 9683
viruses 6026
zucchini yellow mosaic virus 7778
disorders
chilling injury 2445, 9735
oedema 2418
root death 8843
sunscald 2418, 7777
electrical properties, temperature 2348
flowers
initiation, temperature 9690
sex, growth regulators 5245
thinning, responses 2421, 7873
fruits
composition 18
development, temperature 275
quality, salinity 9680
set
growth regulators 2443
nutrition 8829
water relations 8829
thinning, responses 2421, 7873
fungicides, responses 3350
growing media
composition 1076, 8841, 8915
regeneration 3423
growth regulators
auxins, physiology 1550
benzimidazoles, responses 990
chlorflurecol, responses 2443, 7788
dicamba, responses 7788
DPX-1840, responses 7788
ethephon
determination 4871
responses 5245
translocation 6948

Cucumbers *cont.*
- growth regulators *cont.*
  - GA, physiology 3349
  - IAA, physiology 4200
  - kinetin, responses 267
  - naptalam, responses 7788
  - TIBA, responses 6021, 7788
- handling, techniques 9609
- harvesting
  - economics 279
  - equipment 8734
  - harvesting date, forecasting 8846
  - techniques, mechanical harvesting 279
- heat
  - resistance
    - biochemistry 6030-6031
    - growth regulators 2440, 5345
- herbicides, injuries 995, 5241, 5309
- insecticides, determination 38
- irrigation
  - responses 8828
  - systems 2426, 8828
- leaves
  - development
    - nutrition 9683
    - temperature 275, 2414
- mulching
  - materials 8829
  - responses 8824, 8829
- nutrients, requirements, analysis 6778, 8730
- nutrition
  - aluminium 5819
  - boron 206, 267
  - cadmium 6945
  - calcium 266, 1707, 6024, 6028, 6126, 8832
  - copper 2430, 6945
  - deficiency 2427
  - iron 267, 3344, 5961
  - magnesium 267, 5248, 8832
  - manures 267, 3261, 3343, 6022, 6028
  - molybdenum 2430
  - nitrogen 267, 1658, 1707, 2428-2429, 6126, 6941-6943, 8829, 8832
  - phosphorus 266-267, 1658, 6126, 6941, 8829, 8832
  - potassium 267, 1658, 6126, 6941, 8829, 8832
  - silicon 2431, 9683
  - sulphur 207
  - trace elements 1658
  - zinc 205, 3344
- pests
  - Aphididae 6026, 6855
  - biological control, books 8439
  - *Diaphania hyalinata* 9685
  - *Diaphania nitidalis* 9685
  - *Liriomyza sativae* 9685
  - *Meloidogyne incognita* 9685
  - *Myzus persicae* 7778
  - *Rotylenchulus reniformis* 9685
  - *Thrips tabaci* 7782
  - *Trialeurodes vaporariorum* 1084, 1706, 2347
- photosynthesis
  - biochemistry 1709-1710
  - environment 6029
  - inhibitors 276
  - physiology 274, 1001
- plant
  - composition 5569
    - ascorbic acid 5826
    - chlorophyll 209, 1709-1710
    - enzymes 277, 4201-4202, 8845
    - fatty acids 6857
    - growth regulators 3349-3350
    - nucleic acids 3914
    - proteins 41, 276
    - sulphites 276
  - development
    - carbon dioxide 270
    - humidity 9790
- planting
  - spacing 9681
  - systems 6022
- pollution
  - cadmium 994

Cucumbers *cont.*
- pollution *cont.*
  - polyvinyl chloride 927
- processing, cultivars 1704, 5232
- protected cultivation
  - carbon dioxide 270, 2432-2433, 3439, 5236, 5255-5256, 7773, 7776, 8838
  - conferences 2115
  - cultivars 2409, 6935, 8817-8818
  - cultural methods 1656, 2415, 2443, 6021, 7775, 7873, 9682, 9690
  - disorders 2418
  - economics 35
  - energy conservation 7771-7773, 8471
  - energy requirements 2138
  - growing media 200, 2419-2420, 2423-2425
  - humidity 5252
  - irrigation 2426, 5334
  - light 2340, 2444, 5254
  - microclimate 6643
  - nutrition 266, 2427, 2430, 6126
  - pests 1084, 1706, 5165
  - physiology 2439
  - planting, seasons 2414
  - pruning 2421
  - rotations 3420
  - soilless culture 1076, 2426, 5334, 6124, 9680
  - sowing date 7776
  - spacing 2422
  - systems
    - greenhouses 929, 2418, 4851, 6638, 7771
    - plastic film 3054, 5958
    - plastic tunnels 35, 8824
  - temperature 2414, 2416-2417, 2439, 2444, 5235, 5237, 7771, 7773, 7776, 8473
  - training 2422
- pruning
  - systems
    - assessment 9681
    - root pruning 1707
- reports
  - Belgium 8452
  - Brazil 2121
  - Canada 9313
  - German Federal Republic 8456
  - UK 3885, 4828, 9320
  - USA 9321
- research, Tuvalu 3888
- roots
  - development
    - flowering 7873
    - fruiting 7873
    - temperature 275
- rootstock scion relationships
  - nutrition 5248
  - temperature 2417
  - yields 2424
- rootstocks, disorders 8843
- rotations 2419
- seedlings
  - development
    - biochemistry 273
    - fungicides 3350
    - growth regulators 7789
    - light 3347-3348, 7786
    - physiology 274
    - silica gel 4872
    - temperature 1712
  - production
    - cultural methods 5806
    - growing media 364, 9678
    - light 2136
    - protected cultivation 757, 2340
    - soilless culture 8822
- seeds
  - germination
    - inhibitors 2147, 8821
    - physiology 7472
    - temperature 7769
  - production, cleaning 1007
  - sowing
    - equipment 1696
    - sowing date 6933, 7767
    - spacing 7767
  - storage 5162

Cucumbers *cont.*
- seeds *cont.*
  - treatment 925, 990, 4196
- shoots
  - development
    - flowering 7873
    - fruiting 7873
    - temperature 275
- soil amendments 8839
- soil management, systems 4192
- soilless culture
  - cultural methods 8727
  - diseases 9684
  - disorders 8843
  - growing media 2426, 6656
  - nutrient solutions, composition 350
  - nutrition 5961, 6942, 8837, 9683
  - systems
    - hydroponics 1076, 5960
    - nutrient film techniques 6940, 8728
- storage
  - disorders 2445, 9735
  - packing 2445
  - systems
    - assessment 2409
    - cold storage 3264
  - temperature 2445
- tissue culture, propagation, micropropagation 3339
- training, systems 7775
- transpiration, measurement 7785
- water relations
  - measurement 9361, 9366
  - physiology 5253
  - soil water 5253
- waterlogging 3431
- weed control 264, 287, 5240-5241, 5309, 8825-8827
- yields
  - correlation 2444, 9693
  - diseases 5250

Cucumis (*see also* Cucumbers; Melons)

Cucumis utilissimus, seeds, treatment 4188

Cucurbita (*see also* Marrows; Pumpkins; Squashes)
- as rootstocks, cucumbers 2417

Cucurbita ficifolia
- as rootstocks, cucumbers 2424, 5248, 8843
- cultivars
  - characteristics 9675
  - temperature 6012
- fruits, composition 1010

Cucurbita foetidissima
- cultural methods
  - arid regions 3026
  - Mexico 4605
  - USA 4605
- production, USA 9210
- reports, Israel 744
- seeds, composition 6949

Cucurbita maxima
- cultivars
  - characteristics 9675
    - USSR 6937
  - diseases 6937
  - temperature 6012
- fruits, composition 1010, 2442
- herbicides, responses 5239
- plant, composition, fluorides 3265
- pollution, nitrogen oxides 993
- weed control 5238-5239
- wounds, physiology 7787

Cucurbita maxima* × *Cucurbita moschata, as rootstocks, cucumbers 5248

Cucurbita mixta, cultivars, characteristics 9675

Cucurbita moschata
- cultivars
  - characteristics 9675
  - temperature 6012
- irrigation, responses 3342
- nutrients, requirements, assessment 272
- nutrition
  - iron 3344
  - nitrogen 6023
  - zinc 3344
- plant
  - development, assessment 272

Cucurbita moschata *cont.*
plant *cont.*
histology 1708
seedlings, development, ozone 9686
Cucurbita pepo
cold, resistance, growth regulators 992
cultivars
characteristics 9675
Israel 2412
growth regulators 3335
nutrition 4193
physiology 3335
salinity 4194
temperature 6012
diseases, viruses 997
flowers, sex, growth regulators 3335
fruits, composition 2412
growth regulators
ABA, translocation 5258
IAA, translocation 1003, 5258
kinetin, responses 6032
leaves
anatomy 7783
areas, assessment 9687
nutrition
calcium 3262
iron 4193
nitrogen 3262, 6032
phosphorus 2441, 4193, 9228
potassium 2441
pests, *Meloidogyne arenaria* 998
photosynthesis, biochemistry 2438
plant
composition
enzymes 5257, 8845
glycosides 4204
lipids 5822
nucleic acids 1004
potassium 1711
vascular system 2437
pollination, pollinators, Apoidea 6033
roots, histology 2437
salinity, responses 4194
seeds
composition 1009
germination, salinity 4194
production
cleaning 1007
hybrids 1008
Cucurbitaceae
pests
Tetranychus urticae 2436
Trialeurodes vaporariorum 2436
protected cultivation, heating systems 3035
Culinary herbs, wild plants, surveys, Nepal 7465
Cumin (*see Cuminum cyminum*)
Cuminum cyminum
diseases, *Erysiphe polygoni* 4476
leaves, composition 3629
reports, India 6614
seeds
composition 3624
treatment 9118
weed control 4473-4474
weeds, competition 4475
yields, diseases 4476
Cuphea, products, oils 4611
Cuphea ignea, seeds, composition 2018
Cupressocyparis, herbicides, injuries 471
Cupressocyparis leylandii
growing media, composition 410
staking, systems 9334
Cupressus, staking, systems 9334
Cupressus arizonica, rootstock scion relationships, compatibility 2682
Cupressus macrocarpa, cultural methods, pot plants 1855
Cupressus sempervirens, as rootstocks, *Juniperus* 477
Curculio glandium, hazelnuts 4003
Curculio nucum, hazelnuts 4003
Curcuma longa
cultivars, diseases 9120
diseases, *Colletotrichum capsici* 9120
intercropping
Coriandrum sativum 4477
Trigonella foenum-graecum 4477
vegetables 4477
nutrition 4478

Curcuma longa *cont.*
nutrition *cont.*
nitrogen 3614
potassium 4479
plant
composition 1290
essential oils 1923
planting, spacing 9119
reports
India 6615
South Africa 9318
rhizomes, histology 3613
weed control 2726
Curcuma xanthorrhiza, plant, composition, terpenoids 2780
Curcuma zedoaria
plant
composition 1290
cytotoxic compounds 9996
essential oils 9130
terpenoids 1251, 7231
Currants (*see also* Black currants; Red currants; White currants)
cultivars, history, USSR 131
pests
Longidorus 875
Paratylenchus 875
Pratylenchus 875
Xiphinema 875
plant, development 3011
Curvularia, lawns and turf 1183
Curvularia trifolii* f.sp. *gladioli, *Gladiolus* 4383, 9013
Cuscuta, as weeds, onions 5178
Cuscuta chinensis
plant
composition 8216
sterols 3678
Cussonia barteri, plant, composition, saponins 8217
Cut flowers
biochemistry, roses 8086, 9911
breeding
Gerbera 7929
tulips 7989
defoliation
Gypsophila paniculata 7949
roses 8089
development
biochemistry, roses 8085
diurnal variation, roses 8085
environment, reviews 7905
disorders 764
economics
Italy
Iris 4386
Ranunculus 4386
grading, techniques 7904
handling
Astilbe 7942
carnations 6194, 7921
Dahlia 7992
Gladiolus natalensis 4385
Iris 7992, 9837
Lilium 7921
roses 4455, 5506
techniques 1526
tulips 7992
harvesting 6184
Ammi majus 6218
Anethum graveolens 6218
carnations 8979
Eustoma grandiflorum 6218
Liatris spicata 6218
roses 8090
Rudbeckia fulgida 6218
sweet peas 6218
microorganisms
chrysanthemums 8094
Gerbera 8094
roses 8091, 8094-8096
packing 7902
materials 6184
techniques 6184
pests, control 7896
physiology
carnations 7911
Gladiolus natalensis 4385
roses 3587
preservatives 7910
Anemone coronaria 5428

Cut flowers *cont.*
preservatives *cont.*
Antirrhinum 5380, 7909
Astilbe 7942
Calendula 7909
carnations 1116, 6193, 7103, 7916, 7918, 7920-7922, 7924, 9799
chrysanthemums 7920
Dahlia 5432-5433, 7992
Delphinium 7909
Dendrobium × *Phalaenopsis* 1847
Euphorbia fulgens 7212, 8073
Freesia 7968
Gerbera 7933
Gerbera jamesonii 7932
Gladiolus grandiflora 7978
Gypsophila 7948
Gypsophila paniculata 7949
Iris 7992
Lilium 7921
Platycodon grandiflorus 3512, 9820
reviews 6186
roses 3588-3589, 4455, 5510, 7920, 8087-8088, 8091
sweet peas 7909
Telopea speciosissima 6324
Triteleia laxa 8001
tulips 7992
Zinnia 7909
production
arid regions 3026
breeding, *Hibiscus sabdariffa* 5523
Canary Islands, *Gladiolus* 7969
cultivars, carnations 1114
cultural methods
Alstroemeria 4401, 7153
Anemone coronaria 2611-2613
carnations 2578
Chelone obliqua 1788
chrysanthemums 3490, 5388, 6195
Freesia 1145
Gentiana asclepiadea 1788
Gerbera 1770
Gladiolus 1145, 2615, 5436, 7970, 9830
Gloriosa rothschildiana 4404
Heliconia 428
Heliconia psittacorum 429
Iris 1145, 7979, 9835
Liatris spicata 7999
Lilium 1145
Physostegia virginiana 1788
Ranunculus 7979
Ranunculus asiaticus 2611-2613
Tanacetum parthenium 9006
Trachelium caeruleum 7133
Trollius chinensis 1788
tulips 5444, 9846-9847, 9850
Egypt, roses 4455
German Democratic Republic, roses 4449
hybrids, *Kalanchoe* 8040
India, chrysanthemums 5387
Italy 6625
planting stock, *Liatris spicata* 3541
propagation, roses 2700
protected cultivation 6625, 6637
Aconitum napellus 6182
Alchemilla mollis 1134
Alstroemeria 7995, 9024
Anthurium 414
Antirrhinum 1113
Bouvardia 2708
carnations 414, 1766, 2577, 3479, 4350, 6176, 6189, 6656, 7104, 9794-9795
chrysanthemums 414, 1119, 2583, 3488, 6656, 7110, 8980
Delphinium 6182
Freesia 1805, 7137
Gerbera 414, 1123-1124, 1771, 2341, 6176, 7114-7115, 7930, 9804-9805
Gladiolus 437, 7141, 7973, 7975, 9831
Gloriosa rothschildiana 7997
Gypsophila paniculata 9810-9811
Heliopsis helianthoides 6182

Cut flowers *cont.*
production *cont.*
protected cultivation *cont.*
Hippeastrum 414
Iris 4386, 4388-4390
Leucanthemum maximum 6182
Lilium 2621, 7899, 7983-7984, 7990
Lilium maculatum 1158, 6243-6244
Limonium 9816
Nerine 7988
Nerine flexuosa 7147-7148
Platycodon grandiflorus 3512, 9820
Ranunculus 4386, 4408
roses 2341, 3589, 4451, 5503-5505, 5507, 6176, 6303, 6656, 7203, 8078, 8080, 8082, 9087-9088, 9905, 9908-9909
Strelitzia reginae 7132
Tanacetum coccineum 6182
tulips 7990
Zinnia elegans 6230
USSR 7086
reports
Netherlands 14
USA 9321
responses
ethylene, reviews 3477
growth regulators, *Lilium* 3526
senescence 3476
Alstroemeria 7906
carnations 3481-3484, 4351, 5385, 6185, 6192-6194, 7105, 7906, 7908, 7915, 7918-7919, 7924, 9800
Dahlia 5433, 7906
Freesia 7967
Gladiolus 7906, 7986
Narcissus 7986
Petunia 7906
reviews 7910
roses 7906, 8086-8087, 8093, 9911
Telopea speciosissima 8116
tulips 5446
storage
Antirrhinum 5380
carnations 8084, 9799
Cymbidium 8055
Forsythia viridissima 9920
Gerbera jamesonii 7932
ornamental plants 7911
reviews 7901
roses 2702, 5510, 8083-8084
Telopea speciosissima 8116
Triteleia laxa 8001
temperature, roses 8091
transport 6184, 7902
roses 4455
vase life
Anemone coronaria 5428
Astilbe 7942
carnations 7103-7104, 7920, 7924
Chamelaucium uncinatum 1883
chrysanthemums 7920, 8094
Dahlia 5432
Euphorbia fulgens 7212
Gerbera 1123, 6209, 7929, 8094
Gladiolus grandiflora 7978
Heliconia 428
Heliconia psittacorum 429
Lilium 7985
roses 3589, 5511, 7920, 8083, 8086, 8088-8092, 8094-8095, 9911
Telopea speciosissima 6324, 8116
Trachelium caeruleum 7133
Triteleia laxa 8001
Zantedeschia aethiopica 8002
Zantedeschia elliottiana 8002
water relations
carnations 4351, 6194, 7921
Freesia 7967
Gerbera 7931
Gladiolus natalensis 4385
Lilium 7921
roses 8092, 8096
Zantedeschia aethiopica 8002
Zantedeschia elliottiana 8002

Cut foliage
preservatives
Nephrolepis exaltata 8099
Ruscus hypoglossum 8099
production
arid regions 3026
cultural methods, *Asparagus setaceus* 6271
German Federal Republic, *Eucalyptus* 5519
protected cultivation, *Eucalyptus* 5519
vase life
Arachniodes adiantiformis 1123, 2665, 6268
Davallia fejeensis 1123
Nephrolepis exaltata 8099
Polystichum 1123
Pteris 1123
Ruscus hypoglossum 8099
Cuticles
composition, horticultural crops 8493
histology
Betulaceae 9093
grapes 2325
Hoya carnosa 9923
plants 2131
physiology
apples 1594
temperate fruits 6716
tomatoes 6716
Cuttings
cultural methods
apples 2164
Boehmeria nivea 1921
conifers 9068
Dahlia 1149
Davidia involucrata 5518
foliage plants 3557
Garrya elliptica 6313
gooseberries 8633
grapes 8695
hops 531
Juniperus 7188
Orthosiphon aristatus 2795
peaches 4988, 5877
Pieris 6319
Populus 6283
Prunus 9523
Rhododendron 7196, 8074
Salix 6283
tea 6582
woody plants 469, 6284
development
assessment
black currants 7592
roses 1872
Stevia rebaudiana 3732
growing media, *Pelargonium* 7118
growth regulators, ornamental plants 7090
histology, persimmons 4678
mycorrhizas, *Actinidia chinensis* 9530
seasonal variation, *Leucadendron discolor* 7216
size, pineapples 9283
micropropagation
Amelanchier laevis 1232
Gardenia jasminoides 8105
grapes 909, 1640
persimmons 5729
Rhododendron 6300
roses 2700
physiology
chestnuts 6745
Opuntia 460
production
techniques
Cissus antarctica 9034
Citrus meyeri 5667
Grevillea 1243
Kalanchoe 9879
Philodendron scandens 9034
roses 4452
rooting
biochemistry
cherries 2258
chestnuts 9481
Justicia gendarussa 7214
passion fruits 9250

Cuttings *cont.*
rooting *cont.*
biochemistry *cont.*
Phaseolus vulgaris 5274
pistachios 2258
Syzygium cumini 7214
tea 10213
containers, *Vaccinium* 7611
cultivars
olives 2889
roses 9903
Vaccinium ashei 2288
cultural methods
Hippophae rhamnoides 8687
roses 9903
growing media
Begonia 9009
Camellia japonica 5487
carnations 3478
chrysanthemums 9801
Cornus florida 1884
Dendromecon rigida 3602
grapes 161
Grevillea johnsonii 5522
Helichrysum bracteatum 1138
Magnolia 3578
Metrosideros carminea 7204
mulberries 5875
ornamental plants 1822
Peperomia caperata 5406
Photinia arbutifolia 1890
Rhododendron 6300
Rhododendron yedoense 6299
Saintpaulia 5406
Sequoia sempervirens 6289
Solanum khasianum 2000
Streptocarpus holstii 5406
Thuja occidentalis 9069
Vaccinium 7611
Vaccinium vitis-idaea 3201
Vitis californica 7664
growth regulators
apples 2171
Phaseolus vulgaris 1792
Plectranthus parviflorus 1792
Rhododendron 2694
Thuja occidentalis 9069
histology
grapes 902
horticultural crops 1556
light
Cyclamen 1148
Dendromecon rigida 3602
Grevillea 1243
Hedera 9077
Photinia arbutifolia 1890
Rhododendron 1223
roses 7202
Solanum khasianum 2000
woody plants 1849
mist
Acer miyabei 1878
chrysanthemums 7108
Cornus florida 1884
Cyclamen 1148
Dendromecon rigida 3602
Enkianthus perulatus 1240
Grevillea 1243
Grevillea johnsonii 5522
guavas 688
olives 1436, 6505
Photinia arbutifolia 1890
Sequoia sempervirens 6289
stone fruits 4987
tea 10212
Vaccinium vitis-idaea 3201
Vitis californica 7664
woody plants 1211, 5480, 6284
nutrition
conifers 4442
ornamental plants 1763
Simmondsia chinensis 8312
woody plants 1211
physiology
black currants 7593
carnations 7913
cherries 2258
pistachios 2258
protected cultivation
tea 9299
woody plants 1211

Cuttings *cont.*
rooting *cont.*
seasonal variation
Alloplectus 7210
almonds × peaches 4995
Callistemon citrinus 4462
chrysanthemums 3486
coffee 4738
peaches 4991
Rhododendron yedoense 6299
Salix 497
Solanum khasianum 2000
Vaccinium 7611
size, *Glycyrrhiza uralensis* 1330
temperature
Grevillea johnsonii 5522
Metrosideros carminea 7204
olives 2889
Rhododendron 2694
roses 7202
stone fruits 2150
Syringa vulgaris 6297
water relations
roses 1227
woody plants 1849
weed control
black currants 7594
Hippophae rhamnoides 7594
sources
assessment
Acer miyabei 1878
apples 6695
blackberries 9541
Citrus meyeri 5667
Cornus alba 5514
hazelnuts 9484
Hydrangea arborescens 5514
Mentha 8136
Metrosideros carminea 7204
pears 5889
Phlox paniculata 2602
roses 526, 1872
Schefflera arboricola 6261
Solanum khasianum 2000
stone fruits 8582
Thuja occidentalis 9069
Vaccinium corymbosum 8642
Vaccinium vitis-idaea 3201
Viburnum opulus 5514
cultural methods
apples 2166, 2171
avocados 7313
coffee 3799, 4738
Daphne odora 5806
foliage plants 8025
Fuchsia 1887, 6312
grapes 159
Impatiens balsamina 3508
Justicia gendarussa 7214
Kalanchoe 9878
Pelargonium 2592
Photinia arbutifolia 1890
pot plants 6178
Syzygium cumini 7214
Vaccinium corymbosum 7613
woody plants 1211
etiolation
plums 864
Syringa vulgaris 6297
woody plants 8058
juvenility
carobs 3734
chestnuts 9481
pistachios 2258
plums 864
protected cultivation, apples 791
ringing, coffee 3799
storage
carnations 6188
chestnuts 6745
conifers 6290, 9894
Hibiscus rosa-sinensis 8108, 9922
ornamental plants 7893
Pelargonium 7938
poinsettias 8071
sugarcane 2961
tea 5775
Thuja occidentalis 9069
woody plants 5514
transport, *Pelargonium* 7938

Cuttings *cont.*
treatment
antibiotics, sugarcane 6577
antitranspirants, woody plants 7205
fungicides
Acer miyabei 1878
Cornus florida 1884
grapes 8695
peaches 9488
sugarcane 6568, 8427-8428, 9294
gamma radiation, tea 3853
growth regulators
Acer miyabei 1878
Actinidia chinensis 132, 2268
almonds × peaches 4995
apples 6695, 9397
Betula platyphylla 1234
Bouvardia 2708
Callistemon citrinus 4462
Camellia japonica 5487
carnations 3478, 6188, 7913
carobs 3734
chrysanthemums 3486, 6198
coffee 4738, 6534
conifers 4442
Cornus florida 1884
Cornus mas 8498
Cyclamen 1148
Davidia involucrata 5518
Dendromecon rigida 3602
Enkianthus perulatus 1240
grapes 901, 3225-3226
Grevillea 1243
Grevillea johnsonii 5522
guavas 688
Impatiens balsamina 3508
Juniperus 1213
Juniperus chinensis 1854
Magnolia 3578
mandarins 7381
mangoes 7381
Mentha 8136
Metrosideros carminea 7204
mulberries 5875
Mussaenda phillipica 4468
olives 2889
Opuntia 2662
ornamental plants 7090
Parthenium argentatum 5649
passion fruits 9251
peaches 104, 4991, 9488
pears 5889
persimmons 4678
Phaseolus vulgaris 5274
Photinia arbutifolia 1890
plums 863-864
Prunus 4879
red currants 4057
Rhododendron yedoense 6299
Rosa multiflora 5501
roses 526, 7202
Sequoia sempervirens 6289
stone fruits 2150
sugarcane 3832, 6567
temperate fruits 7511, 8498
Vaccinium corymbosum 8642
Vaccinium vitis-idaea 3201
woody plants 1211, 1848, 3571
heat, sugarcane 6567, 6577
insecticides, chrysanthemums 6203
laser radiation, roses 1228
pesticides, bananas 7393
phenolic compounds, *Impatiens balsamina* 3508
plant extracts
coffee 6534
woody plants 3571
potassium nitrate, black currants 7593
sugars, roses 1227
urine, coffee 6534
water, grapes 5948
waxes, grapes 3226
wounds
Acer miyabei 1878
Betula platyphylla 1234
carobs 3734
Dendromecon rigida 3602
red currants 4057
Rhododendron 2694

Cuttings *cont.*
types
leaf bud cuttings
Paeonia lactiflora 1141
peaches 104
Schefflera arboricola 6261
leaf cuttings
Begonia rex 1796
Peperomia caperata 5406
Saintpaulia 5406
Streptocarpus holstii 5406
root cuttings
apples 4897
pecans 3178
Quercus 8113
Robinia pseudoacacia 496
Rosa canina 5500
Rosa multiflora 5501
tea 5775
summer cuttings
Acer miyabei 1878
Actinidia chinensis 132
apples 8514, 9399
Betula platyphylla 1234
blackberries 9541
Boronia heterophylla 5480
Boronia megastigma 5480
Callistemon citrinus 4462
cherries 837, 9476
Cornus florida 1884
Cornus mas 8498
Daphne 9919
Daphne odora 5480
Enkianthus perulatus 1240
Forsythia intermedia 1849
grapes 161, 9569
Grevillea johnsonii 5522
Hibiscus syriacus 1849
horticultural crops 1556
Magnolia 3578
Nandina domestica 5480
nectarines 4987
olives 6505
peaches 104, 4987, 9488
pears 5889
Phlox paniculata 2602
plums 863-864, 5068
Prunus 9523
Rhododendron 5480
roses 1228
Sophora microphylla 7222
Spiraea japonica 3609
Syringa 1218
tea 10213
temperate fruits 7511, 8498
Vaccinium 7611
Viburnum bodnantense 1849
Weigela 1849
woody plants 6284
winter cuttings
Actinidia chinensis 132
apples 8514
Callistemon citrinus 4462
peaches 104
plums 863, 5068
Prunus 7579
Sophora microphylla 7222
Vaccinium 7611
Weigela praecox 5531
Cyamopsis tetragonoloba
cultivars
altitude 4244
characteristics 4244
diseases 311, 4244
diseases
Erysiphe polygoni 4246
Fusarium solani 311
Leveillula taurica 2503
Xanthomonas campestris pv. *cyamopsidis* 314, 3371
growth regulators, daminozide, responses 4245
nutrition
phosphorus 313
zinc 1034
plant, composition 5570
products, gums 4611
seeds
composition 4245
germination, size 312
sowing 2476

Cyanogens
characterization, *Passiflora coccinea* 1245
composition
Hevea 8415
Perilla frutescens 525
metabolism
germination, rubber 8415
rootstock scion relationships
pears 5030
quinces 5030
tissue culture, *Eschscholzia californica* 1135
taxonomy, *Passiflora coccinea* 1245
Cyathea spinulosa, spores, germination, biochemistry 8037
Cyathula achiranthoides, as weeds, cocoa 2903
Cycadaceae, wild plants, conservation, books 6595
Cycas, species, characteristics, Australia 1231
Cycas circinalis, seeds, development 1877
Cycas revoluta
seeds
composition 3560
development 1877
Cyclamen
cultivars
assessment 3518
German Federal Republic 7135
miniature cultivars 7135
cultural methods, pot plants 1802-1803, 3518, 4378, 5429-5431, 6177, 6233
cuttings 1148
diseases
Botrytis cinerea 5431
control 4379
Fusarium oxysporum f.sp. *cyclaminis* 4380
irrigation, systems 4380
nutrition 8985
pests, control 4379
protected cultivation, shade 7966
seeds
germination, physiology 7965
production, growth regulators 6234
treatment 2572
tissue culture, propagation, techniques 1801
Cyclamen hederifolium, planting stock, production, techniques 1804
Cyclamen persicum, water relations, physiology 9011
Cydia leucostoma, tea 6586
Cydia molesta
peaches 846
temperate fruits 3926
Cydia nigricana, reports, UK 746-747
Cydia pomonella
apples 3926, 4932, 5856, 7538, 9446
loquats 6502
pears 853, 3926
Cydonia (*see also* Quinces)
Cydonia sinensis
cultivars, assessment, USSR 7573
plant, composition, tannins 9140
Cylindrocarpon destructans, *Cyclamen* 4379
Cylindrocladium spathiphylli, *Spathiphyllum* 9885
Cymbidium
cut flowers, storage 8055
pests
Myzus persicae 8055
Tetranychus urticae 8055
Thrips 8972
Tyrophagus neiswanderi 8055
tissue culture, propagation, techniques 3567
wild plants, surveys, Korea Republic 5471
Cymbidium balkis, tissue culture, organogenesis 2671
Cymbidium elcapitan
tissue culture
organogenesis 2671
propagation, meristems 6281
Cymbidium ensifolium, seeds, germination, culture media 1838, 6278
Cymbidium kanran, tissue culture, propagation, techniques 2668
Cymbidium sazanami, tissue culture, organogenesis 2670
Cymbopogon
cultural methods, India 3625
plant, composition, essential oils 3627, 4500-4501
salinity, tolerances 5540
Cymbopogon citratus
cultural methods 1261
plant
composition
enzymes 1260
essential oils 4504, 8218
Cymbopogon distans, plant, composition, essential oils 3633
Cymbopogon flexuosus
cultural methods, India 8131
nutrition 6334
plant
composition
essential oils 4503
terpenoids 1262
salinity, tolerances 5540
weed control 4502
Cymbopogon martinii
cultural methods 5541
India 8131
plant, composition, essential oils 511, 1907, 3626, 4503
planting, spacing 511
weed control 4502
Cymbopogon nervatus, plant, composition 3659
Cymbopogon winterianus
cultivars, assessment 3625
cultural methods, India 8131
intercropping
Eucalyptus citriodora 3625
Mentha 3625
nutrition 512, 515, 3635
plant
composition
essential oils 512-514, 3635, 4503
terpenoids 3634
plant residues, utilization, weed control 4502
salinity, tolerances 5540
weed control 4502
Cynanchum wilfordii
plant, composition, glycosides 1317
roots, composition 9168
Cynara (*see also* Cardoons; Globe artichokes)
Cynodon
as weeds, grapes 3234, 7669
fungicides, responses 2636-2637
growth regulators, GA, responses 2636-2637
leaves
colour, temperature 2636
development, temperature 2636
Cynodon dactylon
as weeds
celery 404
Citrus 625, 3753, 5676
coffee 2917
grapes 4107
lawns and turf 2633
onions 2357
oranges 5675
peaches 9489
Phaseolus vulgaris 2458
sugarcane 4786
diseases, *Spiroplasma citri* 3753
growth regulators
BA, responses 9858
flurprimidol, responses 9858
KUH 833, responses 9858
paclobutrazol, responses 9858
pentefenzol, responses 9858
zeatin, responses 9858
herbicides, responses 2634
nutrition
calcium 3551
nitrogen 3551
oversowing 2630
pests, Nematoda 3552
Cynodon dactylon *cont.*
weed control 448, 450, 1174, 1817, 2632, 3547, 7160
Cynodon dactylon* × *Cynodon transvaalensis
irrigation, requirements, determination 9027
water relations, physiology 9030
Cynosurus cristatus
cultivars, winter hardiness 3545
establishment, slopes 3545
Cyperus
as weeds
Citrus 5676
tropical crops 2898
cultural methods, pot plants 1123
Cyperus corymbosus, plant, composition, terpenoids 1318
Cyperus esculentus
as weeds
tomatoes 2518
vegetables 287
cultural methods, containers 1101
nutrition 1099
planting, seasons 1101
tubers, dormancy, temperature 1100
Cyperus rotundus
as weeds
lawns and turf 7160
oil palms 2932
onions 2357
Phaseolus vulgaris 2458
sugarcane 7423
tropical crops 2897
plant, composition 9134
Cyperus scariosus
plant, composition, essential oils 3624
plant extracts, application, sugarcane 3832
Cyperus zollingeri, as weeds, pineapples 3822
Cyphomandra (*see also* Tamarillos)
Cyphomandra crassifolia, wild plants, surveys 8720
Cypripedium
seedlings, production, cultural methods 1839
surveys, China 7175
Cypripedium acaule, pollination, research 3568
Cypripedium calceolus, seeds, treatment 8052
Cypripedium kentuckiense, geographical distribution, USA 1201
Cypripedium reginae, seedlings, production, cultural methods 4428
Cyprus, olives, economics 8352
Cytisus praecox, planting stock, production, containers 9092
Cytisus scoparius, plant, composition, alkaloids 3601
Cytochromes
characterization, Jerusalem artichokes 2376
composition
spinach 1675, 3304
tulips 2626
determination, spinach 5189
metabolism
biochemistry, peas 323
light, peas 5291
photosynthesis, spinach 3303
senescence, spinach 7720
tissue culture, *Centranthus macrosiphon* 569
Cytology
Actinidia chinensis 6781
Adiantum capillus-veneris 9871
Annona squamosa 7384
apples 822, 829, 3118, 4833
beetroots 3296, 9625
books 5791
carrots 3457, 7881-7882
celery 7071
Citrus 3750, 4833
Cobaea scandens 7125
conferences 6605
cress 7754
Cucurbita pepo 1003
dates 5718
Digitalis lanata 1961

Cytology *cont.*
garlic 1663
grapes 7681
Helleborus foetidus 7950
Ilex 6295
Kalanchoe daigremontiana 3028, 9326
lettuces 3316
Lilium henryi 7145
mandarins 9221
melons 9692
Nephrolepis biserrata 457, 5470
onions 1548, 3725, 5646, 5972, 6874-6875, 7712, 8761-8762
peaches 9494
pears 822
peas 321, 1038, 4260, 5290, 6978, 7812, 7816
Pelargonium 1783
Petunia 423
Phaseolus vulgaris 290, 6978, 8858
Phellodendron amurense 9109
plants 2625, 4238, 4832, 5805
pumpkins 7784
Pyrus pyrifolia 4833
Rhoeo 1548
rough lemons 640, 2875
Sambucus racemosa 6776
Sinapis alba 9326
spinach 948
tomatoes 6137
Tradescantia virginiana 6875
Vicia faba 2146, 4239, 7812
Vicia sativa 7812
Washingtonia filifera 5718, 9931
watermelons 6946
Zinnia elegans 9007
Cytospora
apricots 4958
peaches 3145
Cytotoxic compounds
biosynthesis, *Podophyllum hexandrum* 10023
characterization
Elephantopus carolinianus 5600
Kaempferia galanga 8303
Mallotus japonicus 10013
Radula perrottetii 2804
Thuja orientalis 8303
Uvaria acuminata 605
composition
Agrimonia pilosa 556, 1936
Amanoa oblongifolia 1295
Arctostaphylos uva-ursi 556
Baccharis megapotamica 3669
Brucea antidysenterica 3671
Brucea javanica 4550
Cinnamomum zeylanicum 6326
Coriaria japonica 556
Cornus officinalis 556
Curcuma zedoaria 9996
Epimeredi indica 8232
Faramea cyanea 1326
Geranium thunbergii 556
Geum japonicum 556
guavas 556
Gyrinops walla 583
Hosta 9996
Ipomoea bahiensis 6409
Ipomopsis aggregata 3668
Iris missouriensis 2618, 10008
Justicia procumbens 10009
Maytenus diversifolia 3694
medicinal plants 8161
Montanoa leucantha 10015
Murraya koenigii 1981
Ochrosia acuminata 3698
Physalis alkekengi 7294
pineapples 3824
plants 557
pomegranates 556
Psorospermum febrifugum 10026
Quassia multiflora 1358
Rhus javanica 556
Rosa rugosa 556
Sargentia greggii 3710
Saxifraga stolonifera 556
Scutellaria baicalensis 1362, 1995
Streblus asper 3713
Strychnos usambarensis 8296
tea 556
Terminalia chebula 556
Cytotoxic compounds *cont.*
composition *cont.*
Tibouchina urvilleana 556
Trapa bispinosa 8305
Vinca minor 7304
Viscum cruciatum 3725, 5646
metabolism, seasonal variation, *Podophyllum* 10022
Czechoslovakia
Agrimonia procera, cultural methods 8174
apples, cultivars 6691, 7507
Aronia melanocarpa, cultural methods 4083
cherries, economics 7556
Fagopyrum, cultural methods 1967
grapes
cultivars 5119
cultural methods 5106
hops, cultural methods 6343
Iris germanica, cultivars 9834
onions, production 5965
Plantago arenaria, cultural methods 4580
Plantago lanceolata, cultural methods 4580
temperate fruits, economics 3921, 7498
Daboecia, yearbooks 737
Dacnusa sibirica, control, of *Liriomyza,* tomatoes 2537
Dactylis glomerata
as ground cover plants, apples 8519
as weeds, lawns and turf 1175
cultivars, winter hardiness 3545
establishment, slopes 3545, 9857
growth retardation, growth regulators 8015
regeneration 6256
utilization, lawns and turf 9857
Dactyloctenium aegyptium, as weeds, sugarcane 1508
Dactylorhiza
seedlings
development
mycorrhizas 4429
tissue culture 4429
Dactylorhiza maculata
seedlings
development
mycorrhizas 4429
tissue culture 4429
seeds
treatment 8052
viability, tests 5474
Dacus cucubatae, pawpaws 9282
Dacus cucurbitae
guavas 544
melons 4198
Momordica charantia 544
Dacus dorsalis
mangoes 690
pawpaws 9282
Dacus oleae, olives 2890-2891, 3773, 10102
Dahlia
cultivars, genetics 436
cut flowers
handling 7992
senescence 5433, 7906
vase life 5432
cuttings, cultural methods 1149
growing media, composition 7095
growth regulators
cytokinins, responses 3501
GA, responses 3501
nutrition 7095
plant, composition, anthocyanins 7096
reports, Netherlands 14
Dalbergia odorifera, plant, composition 8219
Dalbergia sissoo, cuttings 1848
Damsons
cultivars
dormancy 126
winter hardiness 126
dormancy, cultivars 126
winter hardiness
cultivars 126
physiology 126
Daphne, planting stock, production, techniques 9919
Daphne arbuscula, cuttings, types, summer cuttings 9919
Daphne aurantiaca, cuttings, types, summer cuttings 9919
Daphne bholua, grafting 9919
Daphne blagayana
cuttings, types, summer cuttings 9919
layering 9919
Daphne cneorum
cuttings, types, summer cuttings 9919
grafting 9919
layering 9919
wild plants, conservation, USSR 6310
Daphne laureola, seedlings, production, cultural methods 9919
Daphne mezereum, seedlings, production, cultural methods 9919
Daphne odora
cuttings
sources, cultural methods 5806
types, summer cuttings 5480
plant
composition
coumarins 7279
flavonoids 7279, 9105
Daphne petraea, grafting 9919
Daphne pontica, seedlings, production, cultural methods 9919
Daphne retusa
cuttings, types, summer cuttings 9919
seedlings, production, cultural methods 9919
Daphne sericea, cuttings, types, summer cuttings 9919
Daphne tangutica
cuttings, types, summer cuttings 9919
seedlings, production, cultural methods 9919
Dark
responses
Begonia hiemalis 3516
peas 5294
Pharbitis nil 420
Phaseolus vulgaris 1021
spinach 1682
tomatoes 5343
Dates
books 3
cultivars
assessment, India 7363
biochemistry 3768
growth regulators 10096
economics, India 7362
fruits
composition 3768
development
growth regulators 10096
reviews 648
ripening, biochemistry 4671
growth regulators, GA, responses 10096
insecticides, residues 5720, 10095
leaves, development, phyllotaxy 7365
mycorrhizas 9243
pests
Carpophilus 10095
Chihuo zao 647
pollen, ultrastructure 9244
pollination
equipment 3765
research 3766
production, Mauritius 4831
reports, India 6614
roots, anatomy 3763
seedlings, development, anatomy 3763
seeds
cytology 5718
storage 7364
treatment 5719
storage
pests 8451
storage dips, potassium sorbate 3767
tissue culture
organogenesis 3764
propagation, techniques 3762
Datura
plant
composition 1928
alkaloids 5568, 9145
steroids 608

Datura cont.
taxonomy, nomenclature 8220
Datura candida
irrigation, responses 9997
taxonomy 3396
Datura fastuosa
cultivars, assessment, Romania 1259
plant, composition, alkaloids 1319, 6389, 9149
pollen, development, biochemistry 1959
seeds
composition 6388, 9169
treatment 9149
tissue culture
biochemistry 2781-2782
metabolites, production 8250
Datura ferox, characteristics 8220
Datura innoxia *(see Datura fastuosa)*
Datura leichhardtii, tissue culture, metabolites, production 8250
Datura metel
plant, composition 8904
seeds, composition 4560
taxonomy 3396
tissue culture, propagation, anthers 9998
Datura quercifolia, characteristics 8220
Datura stramonium
characteristics 8220
plant, composition 5569-5570
tissue culture, metabolites, production 8250
Daucus *(see also* Carrots)
Davallia divaricata, plant, composition, phenolic compounds 2657
Davallia fejeensis, cut foliage, vase life 1123
Davidia, drought, injuries 2677
Davidia involucrata, cuttings, cultural methods 5518
Davidsonia pruriens
cultural methods, pot plants 9035
plant, composition, terpenoids 8221
Deblossoming
responses
mangoes 2086, 7410
strawberries 888, 1632
Decachaeta ovalifolia, plant, composition, terpenoids 9137
Defoliation
copper chelates, temperate fruits 6698
growth regulators
apples 5838
atemoyas 7385
Citrus 7344
grapes 174, 194
onions 2365
pears 5838
herbicides, *Citrus* 7344
responses
Actinidia 6784
apples 816, 2192, 7534, 9453
bananas 3779
blackberries 8634
Citrus 6462
cut flowers 8089
grapefruits 4637
grapes 195
Gypsophila paniculata 7949
strawberries 888, 1630
tomatoes 7021, 8921
Vicia faba 310
techniques, woody plants 4434
Delia antiqua
leeks 937
onions 7710
Delia platura, cauliflowers 979
Delia radicum
cabbages 6913
cauliflowers 979, 6910, 6922-6923, 8808
radishes 6007-6008, 6928, 7755
Delonix regia, cultural methods, containers 5483
Delosperma othona, cultural methods, pot plants 6173
Delphinium
cultivars, assessment, German Federal Republic 9787
cut flowers
preservatives 7909
Delphinium cont.
cut flowers *cont.*
production, protected cultivation 6182
Delphinium staphisagria, seeds, composition 8222
Dendrobium
chromosomes 465
flowers, development, physiology 466
Dendrobium kingianum, leaves, composition 3913
Dendrobium nobile, plant, composition, alkaloids 1845
Dendrobium* × *Phalaenopsis, cut flowers, preservatives 1847
Dendrobium phalaenopsis, tissue culture, propagation, techniques 3567
Dendrobium speciosum, photosynthesis, CAM pathway 9059
Dendromecon rigida, cuttings 3602
Dendrostellera, plant, composition, coumarins 6390
Denmark
apples, cultivars 8509
carrots, cultivars 395, 7063
cherries, cultivars 8562
Chinese cabbages, cultivars 6909, 8796
cucumbers, cultivars 6935, 7765
lawns and turf, cultivars 8008
onions, cultivars 7705
tomatoes
cultivars 1068, 8796
production 8921
Dentaria micrantha, plant, composition, quinones 2022
Dermolepida albohirtum, reports, Australia 4816
Derris robusta, plant, composition, coumarins 541
Descampsina sesamiae, control, of *Eldana saccharina,* sugarcane 3843
Descurainia sophia
plant
composition 1960
glucosinolates 5596
tissue culture, biochemistry 1960
Desfontainia spinosa
plant
composition 5576
iridoids 9170
terpenoids 9171
Desiccants
ammonium thiosulphate, peaches 4021
diquat, beetroots 6877
metoxuron, tomatoes 6147
MH, onions 8746
paraquat, onions 8746
Desmodium adscendens, plant, composition 1320
Desmodium polycarpum, leaves, histology 8223
Deuterium
metabolism
diurnal variation
Abutilon pictum 9038
succulent plants 9038
Deutzia, drought, injuries 2677
Deutzia corymbosa, plant, composition 9962
Deutzia scabra, soil amendments 491
Diabrotica, vegetables 3726
Dianthus *(see also* Carnations)
wild plants, genetic resources, Netherlands 6187
Dianthus barbatus
plant, composition, glycosides 3480
seeds, viability, tests 6219
Dianthus chinensis
leaves, development, biochemistry 7102
plant, composition 1290
Dianthus deltoides
cultural methods, roofs 3564
plant, composition, glycosides 3480
Dianthus gratianopolitanus, cultivars, assessment, German Federal Republic 9787
Diaphananthe, chromosomes 9055
Diaphania hyalinata, cucumbers 9685
Diaphania nitidalis
cucumbers 9685
melons 6025
Diaphorina citri, oranges 6484
Diaprepes abbreviatus
Citrus 621
Microcitrus 621
Poncirus trifoliata 621
Diatraea, sugarcane 7435
Diatraea saccharalis, sugarcane 2983, 2986-2987, 4782
Dicentra spectabilis, planting stock, storage 7944
Dictamnus albus, roots, composition 9172
Dictionaries, taxonomy, plants 733
Dictyosperma album, production, Mauritius 4831
Didymella, cucumbers 2418
Didymella applanata, raspberries 8636, 9547
Didymella bryoniae
melons 3337-3338
watermelons 2411, 6027
Didymella chrysanthemi, chrysanthemums 6200
Dieffenbachia
cultural methods, pot plants 6262, 9037, 9867
nutrients, requirements, analysis 6628
photosynthesis, temperature 1823
pollen, composition 2570
protected cultivation, systems, greenhouses 1112
Dieffenbachia amoena
air layering 1822
cultural methods, pot plants 2641, 2645
plant, composition 8224
Dieffenbachia exotica
cultural methods, pot plants 2641
protected cultivation, carbon dioxide 7480
Dieffenbachia maculata
cultural methods, pot plants 5462, 9866
growth regulators, paclobutrazol, responses 7894
leaf polishes 2643
leaves, variegation, genetics 9874
pollution, nitrogen oxides 6263-6264
Dierama latifolium, tissue culture, propagation, techniques 4403
Digitalis ciliata, plant, composition, cardenolides 6391
Digitalis lanata
cytology 1961
leaves, development, environment 8225
plant
composition 9999
cardenolides 3679
glycosides 5597, 9173
seeds, sowing, sowing date 5597
tissue culture
metabolites, production 10000
organogenesis 10000
Digitalis obscura
tissue culture
propagation
anthers 2783
techniques 9174
Digitalis purpurea
flowers, development, growth regulators 6669
plant
composition
cardenolides 7280
glycosides 6392
seeds
germination, inhibitors 2147
production
cleaning 7258
grading 7258
Digitaria
as weeds
container grown plants 9064
lawns and turf 2634
Digitaria ciliaris, as weeds, *Gladiolus* 5436
Digitaria horizontalis, as weeds, sugarcane 2963
Digitaria ischaemum, as weeds, lawns and turf 1171-1173, 7161-7162, 7164
Digitaria sanguinalis
as weeds
grapes 5931, 7670
lawns and turf 1172, 1174, 7161

Digitaria sanguinalis *cont.*
as weeds *cont.*
Phaseolus vulgaris 285-286, 2455-2456
rubber 2953
strawberries 6809
sugarcane 708, 1509, 2966, 2973-2974
temperate fruits 7670
tomatoes 5329
Digitaria scalarum, as weeds, tropical crops 2897
Diglyphus isaea, control, of *Liriomyza trifolii, Gerbera* 6208
Dill (*see Anethum graveolens*)
Dionaea muscipula, leaves, physiology 1787
Dioscorea batatas, plant, composition 10002
Dioscorea bulbifera, plant, composition 1290
Dioscorea cirrhosa, plant, composition, phenolic compounds 2784
Dioscorea composita, plant, composition 1283
Dioscorea deltoidea, intercropping, hops 8226
Dioscorea dissimulans, plant, composition, sapogenins 10001
Dioscorea floribunda
mutants, induction, gamma radiation 5598
nutrition, nitrogen 4561
roots, tissue culture 2785
Dioscorea japonica, plant, composition 10002
Dioscorea parviflora, plant, composition, saponins 3680
Diospyros (*see also* Persimmons)
wild plants, surveys, China 6678
Diospyros discolor, plant, composition, glycosides 4679
Diospyros ebenum
plant, composition 4562
utilization, shade plants, *Elettaria cardamomum* 3615
Diplocarpon earlianum, strawberries 8653
Diplocarpon mespili, Photinia fraseri 2718
Diplocarpon rosae
Rosa 1226
roses 485, 4449, 7201
Diplocaulobium, chromosomes 1202
Diplodia, Piper nigrum 4485
Diplodia rosarum, roses 3584, 4453
Diploknema butyracea, flowers, composition 7305
Diptacus gigantorhynchus, pears 118
Dipteracanthus makoyanus, cultural methods, pot plants 1132
Dipterix odorata, plant, composition, coumarins 2759
Disa arida, characteristics 4426
Disbudding
responses
Lilium longiflorum 9018
okras 7830
Disocactus, species, characteristics 6266
Ditylenchus, strawberries 2298
Ditylenchus dipsaci
garlic 2356, 5964
horticultural crops 8490
leeks 937
Narcissus 441
strawberries 2299, 2356
tulips 3531
Diuris, cultural methods, pot plants 1203
Diuris maculata, pollination, pollinators, insects 8054
Dodder (*see Cuscuta*)
Dodonaea viscosa, plant, composition, flavonoids 9175
Dolichodorus, tomatoes 6131
Dolomite
utilization
growing media
bedding plants 7095
container grown plants 8060
Orchidaceae 6279
tomatoes 3430
vegetables 7095
woody plants 8060
Doratomyces stemonitis, mushrooms 8960
Dormancy
ammonium nitrate, grapes 2323
biochemistry
apples 6718
grapes 9596
Jerusalem artichokes 7724-7725
cultivars
Allium tuberosum 5974
damsons 126
peaches 8597
plums 126
cyanamide
almonds 9595
fruit crops 9595
grapes 2323
raspberries 7607
defoliation, temperate fruits 811
growth regulators
apples 3114, 6718-6719
grapes 189
peaches 3158, 6719, 8597, 9497
raspberries 7605, 9548
Simmondsia chinensis 4602
temperate fruits 811
physiology
apples 3113
grapes 7680
nectarines 5019
peaches 2248, 3113, 8596
potassium nitrate
grapes 189
temperate fruits 811
sulphur compounds, ornamental plants 5437
temperature
Allium tuberosum 5974
apples 6719
Caladium hortulanum 2653
grapes 9595
peaches 5018, 6719
Dothiorella dominicana, mangoes 10162, 10174
Dracaena, pests, *Chaetanaphothrips signipennis* 3558
Dracaena deremensis
air layering 1822
irrigation, water, sources 8030
soilless culture, nutrient solutions, composition 9033
Dracaena fragrans
irrigation, water, sources 8030
soilless culture, nutrient solutions, composition 9033
Dracaena marginata
air layering 2642
growing media, composition 9875
leaf polishes 2643
planting stock, production, containers 7170
protected cultivation, energy conservation 9869
Dracaena sanderiana
cuttings
cultural methods 3557
sources, cultural methods 8025
Dracaena volckaertii, cultural methods, pot plants 2645
Dracophyllum, landscaping, New Zealand 7180
Drechslera, Leucospermum 6315
Drechslera incurvata, coconuts 2912
Drechslera iridis, Iris 5440
Dregea volubilis, plant, composition 1321
Dried flowers, production, carnations 7923
Drimys winteri, leaves, composition 2711
Drosera
seeds, germination, culture media 7126
tissue culture, propagation, techniques 7126
Drosera capensis, cultural methods, pot plants 1132
Drosera intermedia, seeds, germination, culture media 7126
Drosera regia, tissue culture, propagation, techniques 7947
Drosera rotundifolia, seeds, germination, culture media 7126
Drosophyllum lusitanicum, leaves, physiology 1787
Drought (*see also* Water relations)
Drought *cont.*
injuries, woody plants 2677
resistance
biochemistry
coconuts 6533
Coleus blumei 7172
sugarcane 10204
cultivars
apricots 96
aubergines 6096
cherries 4960, 8560
coffee 8391
Lycium chinense 5614
Phaseolus 8849
Phaseolus vulgaris 6959
rubber 5761, 9286
sugarcane 10204
tomatoes 6105
physiology
Agave 2648
Agave deserti 2650
aubergines 7845
black currants 135
fruit crops 2189
lawns and turf 9860
lettuces 1660
Phaseolus vulgaris 292, 6052
Prunus 2261
rubber 5761
Schefflera arboricola 2666
Sedum rubrotinctum 8046
strawberries 5100
Vicia faba 6061
woody plants 6287, 9912
xerophytes 7492
rootstocks
grapes 3227
stone fruits 9378
tests, sugarcane 10190
responses
apples 2190-2191
Brassica juncea 5534
Citrus latifolia 1419
cocoa 670
Coleus blumei 1190
conferences 5800
fruit crops, reviews 2145
grapes 2321
Hedera helix 9078
olives 2892-2893
Papaver somniferum 5534
peaches 2247
satsumas 2869
sugarcane 10203, 10205
tomatoes 1737, 4331, 7055, 9757
walnuts 8626
tolerances, *Verbena* 9827
Drying
energy requirements
fruit crops 773
horticultural crops 6677
vegetables 773
equipment, hops 4524
techniques
Citrus 643
hops 1274
walnuts 9529
Dryopteris, spores, germination, storage 8026
Duabanga sonneratioides, seeds, composition 2447
Duboisia leichhardtii, tissue culture, metabolites, production 8250
Duboisia myoporoides
cultural methods, India 5599
plant, composition, alkaloids 4563, 8227
tissue culture
biochemistry 8227
propagation, responses 4563
Dudleya albiflora, chromosomes 5467
Dudleya anthonyi, chromosomes 5467
Dudleya attenuata, chromosomes 5467
Dudleya brittonii, chromosomes 5467
Dudleya edulis, chromosomes 5467
Dudleya guadalupensis, chromosomes 5467
Duranta, planting stock, production, containers 9064
Durians
plant, morphology 10114
reports, Malaysia 3884

Durio (*see also* Durians)
Durio kutejensis, landscaping, urban sites 487
Dwarfing
budding, apples 3092
fungicides, chrysanthemums 3487
growth regulators
bedding plants 5379
Beloperone guttata 3503
Boronia heterophylla 3597
Chamelaucium uncinatum 9918
chrysanthemums 2586-2587, 3487, 6198
Episcia cupreata 9876
Eustoma grandiflorum 7127
Freesia 7136
Hydrangea macrophylla 7192
Kalanchoe 1196
Lilium 3525
Lilium longiflorum 9019, 9021
ornamental plants 6051
pears 3171
Philodendron 9046
poinsettias 3580, 5494, 8070
pot plants 7184, 7197
Rhododendron 1224, 9084
Sophora microphylla 7222
Spathiphyllum 1200
tomatoes 3429
tulips 4400
vegetables 6051
Whitfieldia elongata 5532
inoculation, viruses, oranges 7325
mechanically induced stress
ornamental plants 6051
vegetables 6051
pruning
chrysanthemums 6198
pears 3171
rootstock scion relationships, apples 4896
stresses
chrysanthemums 3896
poinsettias 3896
Dye plants, wild plants, surveys, Nepal 7465
Dysaphis plantaginea, apples 789, 5858
Dysaphis pyri, pears 853
Earias vittella, okras 1054, 4287, 6985
Earthworm casts, utilization, growing media, ornamental plants 1822
Ecballium elaterium, plant, composition, sterols 8228
Echinocereus
books 4801
protected cultivation, temperature 2647
Echinochloa colonum
as weeds
pineapples 3822
sugarcane 2973
seeds, composition 9209
Echinochloa crus-galli
as weeds
grapes 5931, 7670
raspberries 6791
temperate fruits 7670
Echinops echinatus, plant, composition, flavonoids 8229
Echinopsis, protected cultivation, temperature 2647
Echinopsis calochlora, rootstock scion relationships, growth 2658
Echinopsis huotii, flowers, composition 9036
Echinopsis multiplex, rootstock scion relationships, growth 2658
Echium vulgare, plant, development, phenology 7093
Eclipta alba, plant, composition 9135
Economics
apples
France 3075
Spain 3075
apricots
France 3075
Spain 3075
Areca, India 1448
Asparagus
France 3075
Spain 3075
avocados, Brazil 5656
Economics *cont.*
cherries, Czechoslovakia 7556
cocoa, Vanuatu 1464
coffee
Australia 3798
Nigeria 4736
cut flowers, Italy 4386
dates, India 7362
greenhouse crops
German Federal Republic 7484, 7688
UK 2125
mangoes, Brazil 5656
olives, Cyprus 8352
Parthenium argentatum, USA 8315
peaches
France 3075
Spain 3075
Phaseolus vulgaris, Kenya 1011
plums, Italy 3181
Stachys sieboldii, France 9773
strawberries, France 9553
temperate fruits, Czechoslovakia 3921, 7498
Ectomyelois ceratoniae, *Macadamia* 6504
Ecuador, *Carica pentagona,* cultural methods 6512
EDTA, responses, oil palms 2941
Eggplants (*see* Aubergines)
Egypt
oranges, nutrition, surveys 1406
Origanum majorana, cultural methods 4513
tomatoes, cultivars 2513
Eichhornia crassipes, plant residues, utilization, mulches 4252
El Salvador, medicinal plants, surveys 1287
Elaeagnaceae, taxonomy, chemotaxonomy 1239
Elaeagnus
seeds, composition 1239
wild plants, surveys, China 6678
Elaeagnus angustifolia
landscaping
coastal areas 4875
industrial sites 3590, 4431
Elaeagnus umbellata, nutrition, nitrogen 2679
Elaeidobius kamerunicus, pollinators, oil palms 696, 1493, 2939, 2942-2943, 8407, 9279
Elaeidobius subvittatus, pollinators, oil palms 5754, 8407
Elaeis (*see also* Oil palms)
Elaeocarpus reticulatus, reports, Australia 6607
Elaeophorbia drupifera, plant, composition, lectins 8235
Eldana saccharina, sugarcane 3843, 7438
Elder (*see Sambucus nigra*)
Electrical properties
assessment, apples 4953
temperature, vegetables 2348
Eleocharis dulcis, storage 2558
Elephantopus carolinianus, plant, composition, cytotoxic compounds 5600
Elephantopus mollis, plant, composition, lactones 8230
Elettaria cardamomum
fruits
quality, assessment 4480
ripening, biochemistry 4481
plant
composition 5533
essential oils 3613, 5539
shade, responses 3615
tissue culture, propagation, techniques 4482
Eleusine indica
as weeds
carrots 5222
celery 404
lawns and turf 448, 1174, 2634
Phaseolus vulgaris 286, 2456
pineapples 3822
radishes 5222
sugarcane 1509
tomatoes 2518
Eleutherine plicata, chromosomes 2629
Eleutherococcus senticosus
plant
composition 10004
polysaccharides 1322, 10003
Elionurus candidus, as cover crops, coffee 9268
Elsholtzia strobilifera, flowers, composition 1908
Elsinoe fawcettii
Citrus limonia 630, 7319
oranges 3752
rough lemons 7319
Elymus repens
as weeds
grapes 4107, 7669
Mentha piperita 5545
peaches 9489
peas 7814
red currants 9536
small fruits 3077
strawberries 6809
temperate fruits 3077
Embelia ribes, seeds, composition 8231
Emblica officinalis (*see Phyllanthus emblica*)
Empoasca boninensis, guavas 689
Enarmonia formosana, apricots 3982
Encarsia, control, of *Trialeurodes vaporariorum,* tomatoes 2345
Encarsia formosa
control
of *Trialeurodes vaporariorum*
Cucurbitaceae 2436
greenhouse crops 1084, 2347, 5165, 6662
Solanaceae 2436
tomatoes 2537
Encarsia opulenta, control, of *Aleurocanthus woglumi, Citrus* 631
Encarsia pergandiella, control, of *Trialeurodes vaporariorum,* tomatoes 5339
Endives
bolting, protected cultivation 7731
cultivars
assessment
German Federal Republic 9642
USSR 7685
protected cultivation 957, 4162, 9642
cultural methods, Belgium 237
frost, injuries, surveys 5957
grading, techniques 2352
growing media, composition 4142
handling, techniques 6674
nutrition
nitrogen 7691
phosphorus 7691
potassium 7691
plant
composition
anthocyanins 7096
heavy metals 4142
protected cultivation
cultivars 9642
cultural methods 4162
energy conservation 8471
systems, plastic film 957, 5958, 7731
reports, Belgium 8452
seeds
germination, inhibitors 2342
sowing, sowing date 237
Energy
sources
cocoa 2078
Cucurbita foetidissima 4605
Euphorbia tirucalli 4614
geothermal energy, plastic tunnels 8475
industrial wastes, greenhouse crops 28
Jatropha 7306
Jerusalem artichokes 4157, 6890
plant residues
apples 95
cocoa 4726
grapes 95
Macadamia 5723
oranges 2048

Energy *cont.*
sources *cont.*
plant residues *cont.*
pineapples 2949
sugarcane 721
solar radiation 2134
greenhouse crops 27-29
greenhouses 3032, 4860, 6652
sugarcane 6580, 9297
books 732
surveys, USA 4610
woody plants 7445
Enkianthus perulatus, cuttings, types, summer cuttings 1240
Entada africana
plant
composition 3659
tannins 9958
Entada phaseoloides, plant, composition, amides 6393
Enterolobium schomburgkii, plant, composition 8159
Entomophthora bresenii, control, of *Toxoptera aurantii,* feijoas 6499
Entomophthora gracilis, control, of *Toxoptera aurantii,* feijoas 6499
Enzyme activity
biochemistry
Armoracia rusticana 5350
aubergines 8905
beetroots 6878
Capsicum 5317
grapes 4131
mushrooms 7078
peas 8878
radishes 4184, 7760
rubber 3826, 9288
spinach 1679-1680, 5191
tomatoes 5350, 6135
Vicia faba 8871
boron
carrots 4337
tomatoes 7036
browning
mushrooms 7080
olives 8358
calcium
cucumbers 6024
spinach 4153
carbohydrates, aubergines 7007
carbon dioxide
Citrus 8332
cucumbers 5256
cultivars
apples 3119, 3969, 9452
grapes 3215, 5117
hops 7250
hyacinths 3523
strawberries 7653
tea 3857
cut flowers
Gerbera 7933
roses 8086
cyanamide, grapes 9595
dark, *Phaseolus vulgaris* 1021
detergents, *Sinapis alba* 2728
determination
beetroots 9625
oranges 2871
peas 4271
spinach 228
diurnal variation
Opuntia dejecta 3562
peas 335
tomatoes 6135
dormancy
grapes 9595-9596
Jerusalem artichokes 7725
drought, sugarcane 10204
environment, oranges 5704
ethanol, persimmons 3774
ethylene
avocados 7316
carnations 7105
carrots 5357
flowering, carnations 2581
fruiting
apples 1587
aubergines 7007
mushrooms 2564
gamma radiation, tropical fruits 3816

Enzyme activity *cont.*
geotropism, peas 5299
germination
Matteuccia struthiopteris 6277
peas 1038
Phaseolus vulgaris 4208
Psophocarpus tetragonolobus 3383
Ziziphus sativa 3858
growth
aubergines 765
grapes 765
peas 1038, 1721, 4267
sugarcane 765
growth regulators
aubergines 8905
cabbages 6004
Cucurbita maxima 7787
Cucurbita pepo 2438
cut flowers 7906
grapes 2326
Impatiens balsamina 4367, 6223
Litchi 6500
Muscari 5447
pears 1615
peas 1043, 4262, 6074, 8882
Phaseolus vulgaris 297, 3362, 5274, 6056, 7806, 8863
roses 8087
rubber 7420
sugarcane 10207
tulips 3536
herbicides
Cryptomeria japonica 9104
pears 4029
Perilla frutescens 9104
inhibitors
avocados 6667
bananas 6667
Cucurbita maxima 7787
cut flowers 3484
mushrooms 6667
peaches 9496
plants 6630
roses 8086
spinach 5192
tomatoes 5348, 7868
Viscum album 8308
iron
Phaseolus vulgaris 4211
radishes 2406
sugarcane 7434
light
Cucurbita pepo 2438
peas 335, 2484, 6976
Pelargonium 1127
radishes 5225-5226, 8815
spinach 9634
tomatoes 1738, 4325-4326, 6135
vegetables 1720
Vicia faba 1127, 6064
lipids, *Sinapis alba* 2728
magnesium
Agave americana 7497
Kalanchoe tubiflora 7497
radishes 2406
nitrogen
Erica darleyensis 5491
peas 9720
Phaseolus vulgaris 4219
radishes 4184
tomatoes 2529-2530
nutrition
lettuces 8790
Phaseolus vulgaris 1019, 9701
organogenesis, peas 321
parasitic plants, *Vicia faba* 4237
phosphorus
Cucurbita pepo 9228
rough lemons 9228
spinach 9630
photoperiodism, *Impatiens balsamina* 4367, 6223
photosynthesis
Amaranthus cruentus 1549
Atriplex halimus 1549
Kalanchoe blossfeldiana 1829, 9881-9882
Kalanchoe tubiflora 4415
peas 1042
Portulaca oleracea 1549
Salsola soda 1549

Enzyme activity *cont.*
photosynthesis *cont.*
spinach 1679-1680, 2372, 5192, 7719
tomatoes 377
physiology
Muscari botryoides 5450
peas 6976
phytoalexins, *Petroselinum crispum* 501
pollination, *Lilium longiflorum* 9841
polyamines
peas 4267
radishes 1701
purines, radishes 1701
respiration, peas 2485
ripening
apples 3117, 3969
avocados 7316
black currants 2277
Capsicum 4299
dates 4671
grapes 2326, 5159
Litchi 6500
melons 1006
oranges 4662
pears 1615
persimmons 9254, 10111
Prunus spinosa 6773
tomatoes 1088, 5350, 8945
rooting, *Phaseolus vulgaris* 5274
rootstock scion relationships, grapefruits 4657
rootstocks, grapes 9570
salinity
pomegranates 5732
vegetables 6856
seasonal variation, hyacinths 3523
senescence
apples 813
carnations 7105, 7915, 7918-7919, 9800
cut flowers 7906
Litchi 6500
plants 4866
tea 3856
silicon, cucumbers 9683
storage
avocados 2836
bananas 6524
black currants 2277
mandarins 10091
pomegranates 9255
spinach 9638
sugars, *Phaseolus vulgaris* 1021
sulphides, peas 1044
sulphur dioxide
peas 4456
woody plants 4456
temperature
bananas 6524
cucumbers 1002, 1712
Cucurbitaceae 6030-6031
grapes 4131, 9595
Jerusalem artichokes 5197
Phaseolus vulgaris 7804
spinach 9637
tissue culture
apples 6697
carrots 400, 1094
Catharanthus roseus 5591
cherries 4973
Cymbidium 2671
Glycyrrhiza echinata 8241
Hyoscyamus niger 8252
medicinal plants 5587
oranges 7352
pawpaws 9281
pears 4029
Petroselinum crispum 501
spinach 9637
tomatoes 1743
trace elements, pawpaws 8410
translocation, beetroots 3296
water relations
avocados 2836
spinach 4152
sugarcane 10205
waterlogging, sugarcane 10189
wounds, peas 1043

Enzymes
biochemistry, satsumas 8338
biosynthesis
Catharanthus roseus 2771
Cruciferae 9665
Fritillaria pallidiflora 5449
Kalanchoe blossfeldiana 4414
Lentinus edodes 5369
radishes 7761
sugarcane 10206
characterization
Acer pseudoplatanus 1547
Actinidia chinensis 7590
almonds 2157
apples 3967
Aranda 1205
Asclepias curassavica 5585
avocados 8319, 9220
bananas 1461, 7395
beetroots 6879
Berberis 8191
Berberis beaniana 1233
broccoli 5219
Calotropis gigantea 1309
Capsicum 2507, 8898
carnations 1767, 9793
carrots 1746, 9769
Catharanthus roseus 1947-1948, 2770
cauliflowers 982
cherries 1606
Chinese cabbages 256
cocoa 3793
coconuts 9266
cucumbers 4201-4202
Cucurbita maxima 2442
Cucurbita pepo 5257
Cymbopogon citratus 1260
Euonymus japonicus 6311
Euphorbia lactea 5468
grapes 190
guavas 4747
Hyoscyamus niger 8252
Jerusalem artichokes 2376, 5198
Lentinus edodes 2568
lettuces 7740
Matthiola incana 9817
mushrooms 1103
oil palms 5755
oranges 5707
pawpaws 8411
peaches 9495
peas 379, 1046, 2374, 2489, 7811, 7817
Poa pratensis 1816
radishes 5226-5227, 6009
Rauvolfia 7296
rubber 6561
Simmondsia chinensis 2021
spinach 229-230, 950, 1547, 1674, 1677, 1686, 2374, 3305, 3912, 5191, 5196, 5982, 7721, 7817, 8775-8777, 9636
tomatoes 379, 3443, 3446-3448, 7868, 9760
vegetables 1659
Vicia faba 379, 5282, 6067, 7811
composition
Annona reticulata 5587
apples 4937
Dianthus chinensis 7102
Ficus elastica 8103
lettuces 8783
medicinal plants 5587
mushrooms 7077
peas 4272
Phaseolus vulgaris 5277-5278
radishes 5225
spinach 5225, 6887
Vicia faba 1033, 4243
determination
grapes 5159, 7665
pawpaws 698
peaches 9495
plants 3070
Vicia faba 2146, 4241
extraction
Cnidoscolus chayamansa 4612
cucumbers 277
grapes 5158
spinach 1672

Enzymes *cont.*
metabolism
biochemistry
beetroots 2370
radishes 5227
flowering, *Petunia parodii* 425
germination
Sinapis alba 2729
Trigonella foenum-graecum 1256
growth regulators
aubergines 8905
peas 7820
light
aubergines 8905
radishes 8815
Sinapis alba 9124
nitrates, *Sinapis alba* 9124
physiology, peas 7821
seasonal variation, Cucurbitaceae 8845
temperature, apples 9450
production
techniques
fungi 1759
pawpaws 8408
taxonomy
apples 8503
Citrus 2837
Convolvulaceae 7470
garlic 2354
Piper betle 2827
Poa pratensis 1816
Solanaceae 7470
sugarcane 2956
Eoreuma loftini, sugarcane 3844, 4782
Eotetranychus carpini, grapes 5941
Ephedra, plant, composition 1323
Ephedra gerardiana, plant, composition 9962
Ephedra sinica, plant, composition, tannins 555
Epichoristodes acerbella, carnations 2580
Epicoccum purpurascens, grapes 2317
Epidendrum brassavolae, characteristics 4425
Epidendrum ciliare, characteristics 4425
Epidendrum cochleatum, characteristics 4425
Epidendrum cordigerum, characteristics 4425
Epidendrum ibaguense, tissue culture, propagation, embryos 1842
Epidendrum ilense, flowers, development, physiology 1846
Epilachna dodecastigma, *Luffa aegyptiaca* 271
Epilachna vigintioctopunctata, aubergines 7849
Epilobium ciliatum
as weeds
currants 137
pome fruits 78
Epimedium, cultivars, assessment, German Federal Republic 9787
Epimeredi indica, plant, composition, terpenoids 8232
Epipactis atrorubens, chromosomes 3565
Epipactis helleborine
chromosomes 3565
seeds
treatment 8052
viability, tests 5474
Epiphyas postvittana
Actinidia chinensis 7586
persimmons 8364
Vaccinium corymbosum 7625
Epiphyllum, species, characteristics 6266
Epipremnum pinnatum
cultural methods, pot plants 455, 2641, 2644, 5462
cuttings
sources, cultural methods 8025
treatment, antitranspirants 7205
photosynthesis, temperature 1823
pollution, tolerances 9873
shade, responses 9040
tissue culture, propagation, meristems 5517
Epiricania melanoleuca, control, of *Pyrilla perpusilla,* sugarcane 7431

Episcia cupreata, cultural methods, pot plants 9876
Episcia reptans
cold
injuries 753
responses 1551
Episyrphus baleatus, reports, India 5801
Epithelantha bokei, heat, resistance, physiology 7167
Epitrimerus herhericus, pears 118
Epitrimerus pyri, pears 118, 5829
Eremochloa ophiuroides
cultivars
characteristics, USA 1169
shade 6253
herbicides, injuries 1176, 2635
mycorrhizas 2638
weed control 1176, 2633
Eremolepis andina, hosts, Orchidaceae 1836
Eremophila lanii, tissue culture, propagation, techniques 4457
Eremurus, plant, vascular system 9872
Eria, chromosomes 1202
Erica
pests, *Otiorhynchus* 5376
pollination 4443
yearbooks 737
Erica azorica, plant residues, utilization, growing media 7414
Erica carnea (*see Erica herbacea*)
Erica ciliaris, breeding, interspecific hybridization 1215
Erica cinerea
breeding, interspecific hybridization 1215
soil types 6292
Erica darleyensis
planting stock, production 5489
shoots, tissue culture 2683
tissue culture, propagation, techniques 5490-5491
Erica erigena, breeding, interspecific hybridization 1215
Erica gracilis, cultural methods, pot plants 3577
Erica herbacea
breeding, interspecific hybridization 1215
soil types 6292
Erica mackaiana, breeding, interspecific hybridization 1215
Erica manipuliflora, breeding, interspecific hybridization 1215
Erica terminalis, breeding, interspecific hybridization 1215
Erica tetralix
breeding, interspecific hybridization 1215
soil types 6292
Erica vagans, breeding, interspecific hybridization 1215
Ericaceae, tissue culture, propagation, micropropagation 3581
Erigeron
as weeds
grapes 5929
onions 8751
Erigeron bonariensis, plant, composition, essential oils 1923
Erigeron tillingii, plant, composition, anthocyanins 7096
Eriobotrya (*see also* Loquats)
Eriochloa punctata, as weeds, sugarcane 2973
Eriophyes mangiferae, mangoes 6543
Eriophyes marginemtorquens, pears 118
Eriophyes pyri, pears 118
Eriophyes salicifoliae, pears 118
Eriophyllum lanatum, roots, composition 8207
Eriosoma lanigerum, apples 5854
Eristalis arbustorum, pollinators, apples 3963
Eristalis bardus, pollinators, apples 3963
Eristalis tenax, pollinators, chicory 3310
Erodium cicutarium, plant, composition 2752
Erosion
control
cultural methods, tea 10215

Erosion *cont.*
control *cont.*
protective plants
Agave 2649
Flemingia congesta 9127
ornamental plants 4875
Vitis californica 7664
woody plants 7185
Eruca vesicaria, leaves, histology 3324
Eruca vesicaria* subsp. *sativa, seeds, germination, inhibitors 608
Erucastrum arabicum, nutritional value 2557
Erwinia, tomatoes 4308
Erwinia amylovora
apples 789, 3088, 7513, 9390
loquats 6502
Malus 5527
pears 3166
Erwinia carotovora
Chinese cabbages 5206
Iris 1155
Erwinia carotovora* ssp. *atroseptica, Iris 5440
Erwinia carotovora* ssp. *carotovora
globe artichokes 6893
Iris 5440
Erwinia chrysanthemi, Cyclamen 4379
Erwinia herbicola, fruit crops 9377
Eryngium campestre
plant
composition
coumarins 1962
glycosides 4564
Eryngium maritimum, rhizomes, composition 8233
Eryngium planum, plant, composition, saponins 574
Erysimum hieracifolium, seeds, composition 8990
Erysimum perovskianum, seeds, composition 8990
Erysiphe cichoracearum
Clematis 4463
cucumbers 6933
Lagenaria siceraria 3345
melons 6011
Scorzonera 7744
Zinnia 433
Erysiphe lagerstroemiae, Lagerstroemia 9925
Erysiphe pisi, peas 2482
Erysiphe polygoni
Brassica juncea 973
Cuminum cyminum 4476
Cyamopsis tetragonoloba 4246
melons 6011
peas 319, 3375-3376
Rhododendron 8074
Vicia faba 4229
Erythrina, seeds, composition 1963
Erythrina arborescens, plant, composition, lectins 10005
Erythrina glauca, plant, composition 4565
Erythrina indica, plant, composition, lectins 10005
Erythrina lithosperma, plant, composition, lectins 10005
Erythrina mildbaedii, plant, composition 4565
Erythrina poeppigiana
intercropping, coffee 10142
utilization, shade plants, coffee 8392
Erythrina senegalensis
plant
composition 4565, 9961
flavonoids 1964
Erythrina suberosa, plant, composition, lectins 10005
Erythrina subumbrans, utilization, shade plants, cocoa 6528
Erythronium americanum, breeding, pollination 3540
Erythroxylum
plant
composition 1928
alkaloids 575
reviews 9176
Erythroxylum argentinum, plant, composition 5576
Erythroxylum macrocarpum, plant, composition 5601
Erythroxylum mamacoca, plant, composition, alkaloids 575
Erythroxylum novogranatense, plant, composition, glycosides 6394
Erythroxylum sideroxyloides, plant, composition 5601
Eschscholzia caespitosa, cultivars, characteristics, UK 4363
Eschscholzia californica
flowers, initiation, photoperiodism 8997
tissue culture, biochemistry 1135
Escobaria
protected cultivation, temperature 2647
taxonomy
keys 9877
morphology 9877
Escobaria vivipara
photosynthesis
CAM pathway 6265
physiology 6265
Essential oil plants
cultivars
assessment, USSR 9946
characteristics, Hungary 20
fungicidal properties 3629
plant
composition
terpenoids 9945
volatile compounds 2732
production, France 509
reports
Canada 6611
India 6615
surveys 2731
Morocco 9934
Essential oils
biochemistry
Abelmoschus moschatus 9947
Acorus calamus 3630
Ajania fastigiata 6332
Aloysia gratissima 7238
Alpinia galanga 3631
Anaphalis contorta 1902
Angelica archangelica 8128
Annona senegalensis 10115
Artemisia 510, 8129
Artemisia nilagirica 1904
Boronia latipinna 6333
Calamintha nepeta 4499
carnations 9966
celery 4495
Chamomilla recutita 8130
Chamomilla suaveolens 1312
Cinnamomum sieboldii 7240
citrons 5660
Citrus 4670
Citrus bergamia 7241
Citrus latifolia 2882
Citrus meyeri 6494
Compositae 9965
Cotinus coggygria 9128
Curcuma zedoaria 9130
Cymbopogon 4500
Cymbopogon citratus 4504, 8218
Cymbopogon distans 3633
Elettaria cardamomum 3613
essential oil plants 1900
Eucalyptus globulus 8132
Eupatorium cannabinum 3682
fennel 4505
garlic 7699, 9612
Heracleum dissectum 1751
hops 538
Inula cuspidata 7286
Laurus nobilis 2739
lemons 5717
limes 2882
Lophocolea heterophylla 5543
Lycopersicon 7871
medicinal plants 9966
Mentha aquatica 1899
Mentha arvensis 5544
Mentha longifolia 1899
Mentha rotundifolia 1264
Mentha viridis 9949
Monarda 1899
Nerium oleander 1244
Ocimum americanum 4512
Ocimum gratissimum 2755
Essential oils *cont.*
biochemistry *cont.*
Ocimum viride 9950
Oenothera odorata 1914
Origanum majorana 8140
Osmanthus fragrans 8141
Perilla frutescens 3640
Petroselinum crispum 3616
Phellodendron amurense 9952
Pimpinella achilleifolia 4514
Pimpinella anisum 8123
Pimpinella diversifolia 2742
Piper betle 2826, 3655, 5563
Piper nigrum 1916
Pseudocalymma alliaceum 5550
reviews 2732
Rhododendron 8076
Rosa rugosa 1917
Rosmarinus officinalis 5537
Salvia 1918
Salvia officinalis 5537
Salvia sclarea 8146
Santalum album 1919
satsumas 6493
Satureja montana 1266
Satureja thymbra 1267, 6337
Sideritis 7299
Sideritis cretica 5634
Sideritis javalambrensis 3643
sour oranges 615
Stevia rebaudiana 5551
Syzygium aromaticum 3613
Tagetes minuta 3644
Tanacetum boreale 6332
Tanacetum vulgare 8299
Thymbra spicata 1267
Thymus 3612
Thymus dagestanicus 6331
Thymus granatensis 8147
Thymus hyemalis 7245
Thymus marschallianus 6338
Thymus pastoralis 6331
Thymus praecox 6339
Thymus transcaucasicus 9955
Thymus vulgaris 5537
Umbelliferae 1901
Valeriana 9205
Valeriana fauriei 6442
Valeriana officinalis 6443
Xanthium cavanillesii 2017
Zingiber officinale 3613
biosynthesis
Artemisia dracunculus 4498
Phellodendron amurense 9952
plants 9945
Salvia dominica 9954
Salvia sclarea 9954
characterization
Artemisia pallens 508
Cedrus deodara 508
Eucalyptus 3636
figs 9485
lemons 3645
Mentha spicata 508
Origanum majorana 508
Santalum album 3641
Stachys 528
strawberries 3211
Thymus hyemalis 3645
Zanthoxylum 3647
composition
Angelica 3664
Chamomilla suaveolens 2736
Citrus 5716
Commiphora mukul 3632
Coriandrum sativum 4472
Croton zambesicus 1957
Cymbopogon 4501
Elsholtzia strobilifera 1908
essential oil plants 3624
Euodia hortensis 5542
Hemidesmus indicus 586
Heracleum dissectum 1751
Hyptis suaveolens 506
Inula racemosa 1976
Jasminum 517
Juniperus drupacea 4507
Luvunga scandens 519-520
Mentha 8135
Mentha arvensis 5544
Murraya koenigii 3606

Essential oils *cont.*
composition *cont.*
Ocimum gratissimum 506
Piper nigrum 1916
Rosmarinus officinalis 4515
Thymus capitatus 9133
Vetiveria zizanioides 3646
Xanthium cavanillesii 2017
Zingiber officinale 3622
Ziziphora 4517
determination, *Valeriana* 8306
extraction
celery 5538
fennel 5538
Petroselinum crispum 3616
Piper nigrum 9938
Rosmarinus officinalis 5538
metabolism
cultural methods, celery 406
growth regulators
Mentha piperita 7242, 8145
Salvia officinalis 7242, 8145
herbicides, *Anethum graveolens* 8127
nutrition, *Mentha arvensis* 6336
phosphorus, tea 1515
ripening, *Elettaria cardamomum* 4481
seasonal variation
Cymbopogon winterianus 513, 3635
fennel 4505
Mentha piperita 8138
Tanacetum vulgare 8299
storage, *Elettaria cardamomum* 4481
weeds, *Anethum graveolens* 8127
new journals 4793
production
age, *Mentha piperita* 4510
cultivars
Artemisia 9129
Compositae 9946
roses 9131
cultural methods
Cananga odorata 9948
celery 3626
Chamomilla suaveolens 1905-1906
Cymbopogon 4502
Cymbopogon citratus 1261
Cymbopogon martinii 511, 3626, 5541
Cymbopogon winterianus 512, 514, 3635
essential oil plants 3625
Kaempferia galanga 7287
Lavandula 518
Mentha 2740
Mentha arvensis 521
Mentha piperita 504, 523, 1911, 3626, 4509, 5545, 7242
Mentha piperita var. *citrata* 522
Monarda 1265
Nerium oleander 1244
Ocimum sanctum 524, 3626
Pelargonium graveolens 3638, 5549, 8143
Pelargonium roseum 2741
Pimpinella anisum 1915, 3626
Salvia officinalis 7242, 9953
Vetiveria zizanioides 3626
Zingiber officinale 502
nutrition, *Mentha piperita* 1263
seasons
Cymbopogon martinii 1907
Eucalyptus citriodora 1909
surveys 2731
China 2733
techniques, *Heracleum* 2738
tissue culture
Pelargonium graveolens 8144
Rosmarinus officinalis 4515
reviews
Acorus calamus 9944
Ageratum conyzoides 3627
Alpinia galanga 5539
Alpinia officinarum 5539
Anethum graveolens 3628
Boenninghausenia albiflora 3627
carnations 5386

Essential oils *cont.*
reviews *cont.*
celery 2734
Cymbopogon 3627
Elettaria cardamomum 5539
Eucalyptus 3627
Geranium macrorrhizum 2737
grapefruits 2734
Illicium verum 3628
Juniperus macropoda 3627
Laurus nobilis 9944
limes 505
mandarins 505, 5539
Melissa officinalis 3628
Mentha 3627
Mentha piperita 5539
Myristica fragrans 505
Nardostachys chinensis 3628
Nardostachys jatamansi 3628
Ocimum 3627
Ocimum basilicum 9944
Ocotea pretiosa 505
Pavetta indica 3627
Pelargonium 2734
Pelargonium graveolens 9944
Pinus 3627
Rosmarinus officinalis 2743
Roylea elegans 3627
Tagetes 2745
Tanacetum balsamita 5539
Valeriana officinalis 2734, 3627
taxonomy
Ocimum sanctum 3699
Thymus 3612
Esters
biochemistry, *Abelmoschus moschatus* 9947
characterization
Anodendron affine 2765
Hibiscus rosa-sinensis 3603
Pimpinella diversifolia 2742
composition
Ferula akitschkensis 6400
grapes 5117
Ryania speciosa 2756
Ethanol, application, persimmons 3774
Ethiopia, pawpaws, cultural methods 1497
Ethylene
biosynthesis
carnations 1767
Cucurbita maxima 7787
ornamental plants 7911
rubber 7419
tomatoes 1088, 4328
conferences 9
metabolism
cultivars, apples 2208
flowering, spinach 8778
geotropism, *Pharbitis nil* 1773
growth regulators
almonds 9388
apples 86, 9462
avocados 7316
pears 3172
tomatoes 7865
physiology, cut flowers 3477
pollination
carnations 7900
Petunia 7900
pollution
lettuces 6898
woody plants 4435
ripening
apples 2208-2209, 4945
avocados 7316
bananas 1463
pears 122
tomatoes 386
senescence
carnations 6193, 7105, 7924
Hibiscus rosa-sinensis 1888
Petunia 5404
roses 8093
storage
apples 1590, 2211, 2213-2214, 3972, 8549-8550
Chinese cabbages 7752
pawpaws 4768
pears 8607
stresses, *Phaseolus vulgaris* 298

Ethylene *cont.*
metabolism *cont.*
temperature
cucumbers 1551
Episcia reptans 1551
Passiflora 1551
Rhododendron 9086
tomatoes 7870
toxins, *Phaseolus vulgaris* 6054
production, storage, apples 1589
responses
apples 8549-8550
Begonia hiemalis 3516
carrots 5357
Gerbera jamesonii 4355
Iris 7980
Magnolia soulangiana 2689
oranges 4662
ornamental plants 7911
tomatoes 381
toxicity, ornamental plants 7903
Eublemma scitulum, control, of *Ceroplastes rusci,* mandarins 10081
Eucalyptus
cut foliage
production
German Federal Republic 5519
protected cultivation 5519
pests, *Gonipterus scutellatus* 2712
plant, composition, essential oils 3627
reports, Israel 744
Eucalyptus botryoides, plant, composition, essential oils 3636
Eucalyptus camaldulensis
cuttings 1848
landscaping, urban sites 487
Eucalyptus citriodora
cultivars, assessment, India 1909
cultural methods, India 3625
intercropping, *Cymbopogon winterianus* 3625
plant, composition 9134
Eucalyptus globulus
plant
composition
essential oils 3636, 8132
tannins 555
pollution, ozone 5823
Eucalyptus macrorhyncha, plant, composition, essential oils 3636
Eucalyptus maidenii, plant, composition, essential oils 3636
Eucalyptus sideroxylon, plant, composition, essential oils 3636
Euclea natalensis, plant, composition, quinones 1324
Eucommia ulmoides, plant, composition, glycosides 1885, 7281
Eucryphia lucida, cultivars, characteristics 5520
Eugenia (*see also Syzygium*)
characteristics 4743
Eugenia apodophyllia, cultural methods, pot plants 9035
Eugenia brachyandra, cultural methods, pot plants 9035
Eugenia uniflora, frost, tolerances 4620
Eugenia uvalha, grafting 6589
Eulioptera reticulata, oil palms 3818
Eulophonotus myrmeleon, pecans 1617
Euodia hortensis, plant, composition, essential oils 5542
Euonymus, planting stock, production, containers 472
Euonymus europaea, as rootstocks, *Euonymus fortunei* 1850
Euonymus fortunei
cultivars, propagation 1241
grafting, techniques 1850
landscaping, USA 8098
pests, *Otiorhynchus* 5376
planting stock, production, containers 7471
tissue culture, propagation, techniques 1241
Euonymus japonicus, plant, composition, enzymes 6311

Eupatorium, as weeds, tropical crops 2898
Eupatorium cannabinum
plant
composition
essential oils 3682
polysaccharides 3681
Eupatorium ligustrinum, plant, composition, flavonoids 6395
Eupatorium odoratum
as weeds
oil palms 2932, 2935-2936, 4754
rubber 2935, 2951-2952
tropical crops 2897
plant
composition
essential oils 3624
flavonoids 39
Eupatorium perfoliatum, plant, composition, polysaccharides 3681
Eupatorium tashiroi, plant, composition, terpenoids 1965
Eupatorium trapezoideum, plant, composition, lactones 5602
Euphagus cyanocephalus, pistachios 7577
Euphorbia (*see also* Poinsettias)
as weeds, container grown plants 9064
plant
composition
latex 8234
lectins 8235
Euphorbia brasiliensis, as weeds, sugarcane 2973
Euphorbia calcina, plant, composition, latex 8234
Euphorbia characias, plant, composition, waxes 10045
Euphorbia cyparissias, plant, composition, waxes 10045
Euphorbia dalberi, plant, composition, latex 8234
Euphorbia ferganensis, plant, composition, phenolic compounds 6396
Euphorbia fisheriana, plant, composition, lactones 6397
Euphorbia fulgens
cultural methods, pot plants 5512
cut flowers
preservatives 8073
vase life 7212
Euphorbia helioscopia, as weeds, cauliflowers 5213
Euphorbia heterophylla, as weeds, cocoa 2903
Euphorbia hirta
as weeds
peaches 2246
Phaseolus vulgaris 286
plant, composition 1966
Euphorbia lactea, cultivars, biochemistry 5468
Euphorbia lathyris
growth regulators
BA, responses 1385
chlormequat, responses 1385
daminozide, responses 1385
GA, responses 1385
glyphosine, responses 1385
herbicides, injuries 3727
plant, composition, waxes 10045
seeds, germination 1384
tissue culture, propagation, micropropagation 4613
weed control 3727
Euphorbia milii, diseases, *Xanthomonas campestris* pv. *poinsettiicola* 2690
Euphorbia niccaensis, plant, composition, waxes 10045
Euphorbia nivulia, plant, composition, terpenoids 2786
Euphorbia peplus, plant, composition, waxes 10045
Euphorbia prunifolia, as weeds, *Phaseolus vulgaris* 2454
Euphorbia ruspolii, plant, composition, latex 576
Euphorbia scordifolia, plant, composition 3659
Euphorbia tirucalli
leaves, areas, assessment 4614
plant, composition, latex 5562
Euphorbia trigona, plant, composition, latex 8236
Euphoria (*see also* Longans)
Euphrasia
propagation 1137
species, characteristics, Australia 1136
Eupoecilia ambiguella, grapes 5143, 8711
Euproctis chrysorrhoea, apples 7539
Euptelea polyandra, plant, composition 577
Europe
apricots, production 3977
ornamental plants, taxonomy, nomenclature, books 4802, 5796
temperate fruits, pests, control 3954
Euryale ferox, ecology 2559
Eurytoma, control, of *Melanagromyza hibisci,* okras 343
Euseius hibisci, control, of *Scirtothrips citri, Citrus* 4652
Eustoma grandiflorum
cultural methods, pot plants 3502, 8998
cut flowers, harvesting 6218
dwarfing, growth regulators 7127
Euterpe oleracea, seeds, composition 2018
Eutetranychus banksi, *Citrus* 7346
Eutetranychus orientalis
grapefruits 2053
oranges 1415
Eutypa armeniacae
apricots 2226
grapes 5935, 6841
Eutypa lata, apricots 4835
Euzophera perticella, aubergines 7850
Evolvulus arbuscula, cultural methods, pot plants 1132, 4366
Exacum affine, cultural methods, pot plants 9076
Excoecaria agallocha, plant, composition, latex 1325
Excoecaria cochinchinensis, plant, composition, latex 1325
Excoecaria oppositifolia, plant, composition, latex 1325
Exobasidium vaccinii, *Rhododendron* 2695
Exobasidium vexans, reports, India 4819, 5801
Exomalopsis biliottii, pollinators, Solanaceae 5319
Fagopyrum, cultural methods, Czechoslovakia 1967
Fagopyrum esculentum, plant, composition, flavonoids 1967
Fagopyrum tataricum, plant, composition, flavonoids 1967
Fagus purpurea, planting stock, defoliation 4434
Fagus sylvatica
cultivars, characteristics, UK 8057
cuttings, sources, etiolation 8058
planting stock, defoliation 4434
seedlings, production, cultural methods 7182
Faramea cyanea, plant, composition 1326
Farmyard manure
processing, residues 364
utilization
casing, mushrooms 7887
fertilizers
apples 1573, 4889, 9417
avocados 6457, 7314
cherries 7561
coffee 1473
grapes 2312, 4117
Mentha 2740
oranges 4644
peaches 5015
pears 1614
red currants 2275
satsumas 2845, 10075
Stevia rebaudiana 2828
strawberries 2294
sugarcane 4788
tea 5777-5778
temperate fruits 2153
Vaccinium 5908
vegetables 3343
woody plants 2680
growing media
spinach 1668
tomatoes 365, 4310
Farmyard manure *cont.*
utilization *cont.*
growing media *cont.*
vegetables 364
soil amendments, lettuces 9648
Fats
composition
carobs 10056
fungi 1104, 7083
mangoes 1484
roses 9906
rubber 10187
metabolism, germination, *Psophocarpus tetragonolobus* 3383
Fatshedera, growing media 4423
Fatshedera lizei, cultural methods, pot plants 6262
Fatsia japonica
cultural methods, pot plants 413
herbicides, injuries 5374
photosynthesis
light 8068
temperature 8068
protected cultivation, shade 7966
weed control 5374
Fatty acids
biosynthesis
cocoa 3793
leeks 3278
composition
Abelmoschus moschatus 9947
Acacia 9095
Achillea falcata 8172
Albizia lebbek 9146
almonds 9389
Argyreia nervosa 4544
Atylosia scarabaeoides 1303
avocados 10055
Balanites orbicularis 1380
bananas 6857
Camellia 3573
Capsicum 6857
Centranthus 5580
Chloris 9209
Conium maculatum 8210
Consolida regalis 6382
Cordia myxa 9209
Costus speciosus 9167
Cruciferae 8990
cucumbers 6857
Cucurbita foetidissima 6949
Datura metel 4560
Delphinium staphisagria 8222
Descurainia sophia 1960
Duabanga sonneratioides 2447
Echinochloa colonum 9209
Gardenia lutea 4566
Genipa americana 10225
grapes 9604
Ipomoea cardiophylla 9209
Ipomoea dichroa 5611
Jatropha curcas 8255
Khaya senegalensis 2447
Lepidagathis trinervis 9209
mangoes 1484, 10177
Melia umbraculiformis 2447
melons 2447
Nigella sativa 4369
oil palms 4761
olives 8359
Orchidaceae 3913
pawpaws 6857
Phaseolus coccineus 2470
rubber 4780
Solanum surattense 4588
Tetradium daniellii 2808
tomatoes 6857
Valeriana 5580
Zanthoxylum leprieurii 2812
determination
Arabidopsis thaliana 3891
Madhuca latifolia 6451
Simmondsia chinensis 6452
spinach 3891
extraction, *Schinus terebinthifolius* 8114
metabolism
biochemistry, cauliflowers 982
germination
almonds 780

Fatty acids *cont.*
metabolism *cont.*
germination *cont.*
Psophocarpus tetragonolobus 3383
ozone, vegetables 7686
ripening
oil palms 3819
pawpaws 8412
senescence
carnations 6194, 7924
horticultural crops 7473
storage, *Iris* 6240
temperature
Morus bombycis 5876
pineapples 9285
plants 9371
tissue culture
Parthenocissus tricuspidata 7939
Petunia 7939
water relations, carnations 6194
taxonomy, cauliflowers 5999
Feijoas
characteristics 4743
cultivars
biochemistry 8361
characteristics, USSR 8345
cultural methods
Australia 1390
USA 4672
frost, tolerances 4620
fruits, composition 10097
grafting, techniques, bench grafts 7366
landscaping, urban sites 487
pests, *Toxoptera aurantii* 6499
production, USSR 2883
reports, Australia 6609
utilization, shelterbelts 6467
Fennel
plant
composition 2023
essential oils 4505
protected cultivation, systems, plastic film 5958
seeds
composition 1901, 5538
germination, inhibitors 2342
weed control 1097
Fenugreek (*see Trigonella foenum-graecum*)
Ferns, plant, composition, reviews 2640
Ferocactus acanthodes
heat, resistance, physiology 5465, 7167
photosynthesis
CAM pathway 6265
physiology 6265
plant, development, assessment 7173
Ferocactus melocactiformis
as rootstocks, *Astrophytum myriostigma* 7169
rootstock scion relationships, growth 7169
Ferredoxin, determination, lemons 7338
Fertilizers
application
foliar spraying
apples 4889, 8525, 8528
Atropa belladonna 4547
chrysanthemums 7108
coffee 6537
Cucurbitaceae 6941
grapes 178, 180, 1649, 2314, 3240
lemons 7339
melons 996
oil palms 2089
oranges 7358
pears 5040, 8525
pecans 5060
Phaseolus vulgaris 1020
plums 865, 8617
Stevia rebaudiana 3730
strawberries 9558
sugarcane 713-714, 3839
temperate fruits 6716
tomatoes 6716
vegetables 4312, 7691
Vicia faba 2473, 5280
injection
apples 9434

Fertilizers *cont.*
application *cont.*
injection *cont.*
pome fruits 9435
Tilia platyphyllos 7224
woody plants 6673, 9368
irrigation
almonds 4888
apples 6700
aubergines 5312
bedding plants 7095
Capsicum 5312, 6092
cherries 4971
Cyclamen 1802
grapes 5133
horticultural crops 4841
reviews 7464
lettuces 5200
melons 5247
oranges 2047, 10070
ornamental plants 3468
peaches 6753, 8593
pecans 5057, 5059
pot plants 6177
tomatoes 359, 361, 2526, 5312, 5330
vegetables 7095
seasons, apples 7536
techniques
cabbages 6918
onions 6918
pot plants 9897
tea 2993
vegetables 7690, 9606
types
liquid fertilizers
Cyclamen 1802-1803, 8985
lawns and turf 1182
Pelargonium 8985
Phoenix roebelenii 4419
Sinningia speciosa 9015
Stevia rebaudiana 2828
manures, tomatoes 8930
slow release fertilizers
bedding plants 6172
cabbages 6918
Capsicum 6992
container grown plants 1851, 9092
Cyclamen 8985
foliage plants 8025
Gloxinia sylvatica 1242
horticultural crops 31, 4862
Impatiens walleriana 8984
lettuces 9650
melons 6992
onions 6918
ornamental plants 1763
Pelargonium 7118, 8984-8985
Phoenix roebelenii 4418-4419
pot plants 1185
roses 2701
Rubus deliciosus 1893
Saintpaulia 4362
Saintpaulia roman 8988
Sinningia speciosa 9015
strawberries 6812
tangelos 2050
tomatoes 2526
vegetables 931
woody plants 1851, 9091-9092
Ferula, plant, composition, lactones 9370
Ferula akitschkensis, plant, composition, esters 6400
Ferula caucasica, plant, composition, coumarins 6401
Ferula communis, plant, composition, lactones 8237
Ferula gummosa, plant, composition, resins 1968
Ferula helenae, plant, composition, terpenoids 6399
Ferula lapidosa, plant, composition, terpenoids 6399
Ferula litvinowiana, plant, composition, coumarins 8238
Ferula penninervis, plant, composition, lactones 6398
Ferula tenuisecta, plant, composition, terpenoids 6399

Festuca
cultural methods, roofs 1108
nutrition
nitrogen 1108
phosphorus 1108
potassium 1108
utilization, erosion control 467
weed control 1172
Festuca arundinacea
as ground cover plants, apples 8519
as weeds
lawns and turf 451, 1176
temperate fruits 5828
cultural methods, roadsides 1181
growth regulators
amidochlor, responses 6257
mefluidide, responses 6257
paclobutrazol, responses 6257
herbicides, tolerances 449
irrigation, requirements, determination 9027
plant
composition
growth regulators 1170
phenolic compounds 1170
regeneration, oversowing 8005
seeds
composition 1170
development, growth regulators 1184
germination, inhibitors 7472
treatment 3546
Festuca nigrescens
herbicides, tolerances 1175, 8011
weed control 8011
Festuca ovina
cultivars, characteristics, Denmark 8008
establishment, slopes 9857
regeneration 6256
utilization, lawns and turf 9857
Festuca pratensis
cultivars, winter hardiness 3545
establishment, slopes 3545
Festuca rubra
as cover crops, cabbages 9663
cultivars
assessment 8007
characteristics, Denmark 8008
winter hardiness 3545
establishment, slopes 3545, 5455, 9857
growing media, composition 3550
growth regulators
amidochlor, responses 6257
BA, responses 9858
flurprimidol, responses 9858
KUH 833, responses 9858
mefluidide, responses 6257, 8014
MH, responses 8014
MON 4621, responses 1180, 1819
MON 4623, responses 1180, 1819
paclobutrazol, responses 6257, 8014, 9858
pentefenzol, responses 9858
zeatin, responses 9858
growth retardation, growth regulators 1179, 1819, 8015
herbicides
injuries 7164
tolerances 7164
landscaping, urban sites 8007
nutrition, nitrogen 454
plant, development, assessment 8004
pollution, tolerances 475
regeneration 6256
oversowing 8005
tissue culture, propagation, techniques 2631
utilization, lawns and turf 9857
weed control 1173, 5458, 7161, 7164
Festuca rubra* subsp. *litoralis, cultivars, characteristics 8009
Festuca spadicea, regeneration 6256
Fibraurea tinctoria, plant, composition, terpenoids 5603
Fibre
composition
carobs 10056
Citrullus colocynthis 6035
Citrus 4668
Coriandrum sativum 4472

Fibre *cont.*
composition *cont.*
fungi 1104, 7083
mangoes 1484, 4749
rubber 10187
sugarcane 10211
tropical fruits 9256
metabolism, ripening, coconuts 4734
Fibreglass
utilization
frost protection, oranges 2044
mulches, tangelos 2050
Fibres
quality
assessment, *Agave sisalana* 529
harvesting, *Boehmeria nivea* 6341
Ficus (*see also* Figs)
plant, composition 4533
planting stock, production, containers 9064
Ficus afghanistanica, leaves, morphology 7566
Ficus benjamina
air layering 2642
cultivars, light 2659
cultural methods
containers 5483
pot plants 455, 1193, 2645, 2659, 6262, 8038, 8043, 9037, 9897
cuttings 7090
growing media, composition 8971, 9875
growth regulators, paclobutrazol, responses 7894
irrigation, water, sources 8030
nutrition, nitrogen 9897
pollution, nitrogen oxides 6263-6264
protected cultivation
carbon dioxide 7480
energy conservation 9869
systems, greenhouses 1112
shade, responses 9040
soilless culture, nutrient solutions, composition 9033
transport, injuries 7903
Ficus cunninghamii, plant, composition, coumarins 1969
Ficus elastica
air layering 1822, 2642
cuttings, rooting, growing media 1822
plant
composition
latex 8103
lipids 8493
pollution, nitrogen oxides 6263-6264
tissue culture, propagation, micropropagation 8039
Ficus eriobotryoides, plant, composition, coumarins 1969
Ficus lyrata, photosynthesis, temperature 1823
Ficus palmata, leaves, morphology 7566
Ficus pumila, landscaping, USA 8098
Ficus racemosa, plant, composition 3683
Ficus retusa
cultivars, light 2659
cultural methods, pot plants 2659
Ficus sycomorus
cultural methods, Gambia 6598
plant, composition, coumarins 1969
Ficus virgata, leaves, morphology 7566
Fieberiella florii, stone fruits 3999
Fig mosaic virus, figs 4005
Figs
cultivars, assessment, USSR 7565, 8353
cultural methods, France 4004
diseases
control, Brazil 34
fig mosaic virus 4005
Rosellinia 4005
dormancy, cyanamide 9595
fruits
aroma, biochemistry 9485
development, growth regulators 5874
insecticides, residues 4977
leaves, morphology 7566
pests
Ceroplastes rusci 4005, 4977
Lonchaea aristella 4005
Meloidogyne 4005
Figs *cont.*
plant, composition 5570
plant extracts, utilization, cheesemaking 4006
planting stock, production, tissue culture 6747
pollination, pollinators, Chalcidoidea 5873
production, France 4004
reports
India 6614
Israel 7459
Syria 16
tissue culture, propagation, techniques 6747
Filberts (*see* Hazelnuts)
Finland, apples, cultural methods 5841
Fish poisons
sources
Buddleja 1307
Tephrosia maxima 3657, 4619
Thapsia garganica 7308
Zanthoxylum clava-herculis 10049
Fittonia, protected cultivation, systems, greenhouses 1112
Flammulina velutipes
composition, polysaccharides 6169
growing media, composition 1105
Flavonoids
biochemistry
Camellia 5488
Glycyrrhiza glabra 8243
characterization
Aganosma caryophyllata 1935
Cactaceae 9036
Cassia occidentalis 3673
Citrus junos 1431
Crotalaria verrucosa 1956
Cryptocarya bourdilloni 1958
Daphne odora 7279, 9105
Dodonaea viscosa 9175
Erythrina senegalensis 1964
Fortunella japonica 2061
Genista compacta 6404
Ginkgo biloba 4465
lemons 1430
Lindera umbellata 1336
Muscari comosum 445
Parinari 2103
Platanus hispanica 6320
Rhodiola rosea 6424
Scutellaria discolor 6429
Sophora flavescens 2807, 5635
spinach 2375
Tephrosia falciformis 4530
Tephrosia hildebrandtii 8152
Thymus satureioides 3718
Triumfetta rhomboidea 4595
composition
Acacia nilotica 8150
Acanthospermum hispidum 3660
Achyrocline tomentosa 1930
Anthyllis onobrychioides 1297
apricots 6735
Artemisia cina 6362
Artemisia sublessingiana 6365
Astragalus 6366
Astragalus glycyphyllos 1301
Baccharis genistelloides 6368
Ballota nigra 9983
Boronia latipinna 6333
Broussonetia papyrifera 2768
Buddleja 1307
Butea monosperma 8195
Cakile maritima 5588
Calamintha nepeta 5589
Camellia chrysantha 2681
Campanula 6352
Cannabis sativa 7267
Carthamus lanatus 8197
Casuarina equisetifolia 7270
Catha edulis 6453
Centaurea phyllocephala 8206
Centipeda minima 1950
Chamaerops humilis 6273
chestnuts 9481
Cinnamomum aromaticum 1250
Cinnamomum obtusifolium 1250
Citrus limonia 6495
Citrus sudachi 2062
Clerodendrum inerme 7274
Flavonoids *cont.*
composition *cont.*
Crataegus laevigata 8212-8213
Crotalaria latebrosa 1316
Cuscuta chinensis 3678
Dalbergia odorifera 8219
Diploknema butyracea 7305
Echinops echinatus 8229
Erythroxylum novogranatense 6394
Eupatorium ligustrinum 6395
ferns, reviews 2640
Ficus 1969
Flemingia stricta 1925
Flueggea microcarpa 1970
Forsythia viridissima 9089
grapefruits 6496
grapes 4132
Helichrysum graveolens 7283
Herniaria polygama 6408
Hippophae rhamnoides 5101, 9562
hops 7249
Hydrangea macrophylla 9089
Hypericum perforatum 5579
Inula viscosa 1977
Jatropha podagrica 3688-3689
Labiatae, reviews 7256
Lagenaria breviflora 7288
Lannea acida 5612
Launaea asplenifolia 6411
Lespedeza bicolor 5579
Lespedeza hedysaroides 5579
Lindera umbellata 1250
Liquidambar styraciflua 9089
Melia azedarach 6318
Morus 9187
mulberries 9187
Mussaenda 5616
Ononis natrix 4576
Ophiopogon 8264
oranges 6497, 9242
Orthosiphon aristatus 1984
Passiflora incarnata 5728
Piper 7295
Polygonum nepalense 10025
Pongamia pinnata 541
Potentilla fruticosa 2719
Prunella vulgaris 2802
Prunus 4884, 6767
Pueraria hirsuta 9089
Pueraria mirifica 8277
Pyrola 9001
quinces 4884
Rhinanthus angustifolius 5628
Rhododendron 4448, 8077
Rhododendron luteum 5579
Rhus chinensis 1992
Salix acutifolia 6426
Salsola kali 4616
Sapindus saponaria 1994
Sargentia greggii 3710
Scutellaria baicalensis 1362-1363, 1995, 6428
Scutellaria polyodon 6430
Semecarpus vitiensis 4586
Senecio aureus 10031
Sideritis 5632-5633
Sideritis mugronensis 1998
Silybum marianum 8294
Solidago 6353
Sophora flavescens 1367, 7300
Spartium junceum 6323
Stellaria holostea 6434
strawberries 4884
Strychnos variabilis 3714
sugarcane, reviews 720
surveys
India 8162
Iran 8166
Qatar 5575
Swertia japonica 7301
tea 10223
Tephrosia candida 5566
Tephrosia elata 3656
Tephrosia maxima 3657
Tephrosia purpurea 541
Tetracera 602
Teucrium polium 8301
Thymus hyemalis 7245
Thymus piperella 2010
Trachycarpus wagnerianus 6273
Trigonella 6351

Flavonoids *cont.*
composition *cont.*
Valeriana spryginii 6444
Verbena officinalis 5644
Vicia faba 6062
Vicoa indica 9206
Viscum cruciatum 5646
wild plants, Iran 8160
determination
Arnica 1298
Combretum micranthum 573
Glycyrrhiza glabra 8244
hops 536
Sideritis 2805
extraction, persimmons 6511
exudation, lettuces 965
metabolism
biochemistry, *Petroselinum crispum* 4484
cobalt, *Plantago arenaria* 6420
diurnal variation, *Hypericum perforatum* 2791
environment, *Hypericum perforatum* 2791
growth regulators, tea 10221
light, *Phaseolus vulgaris* 6053
nutrition, tomatoes 3432
rootstock scion relationships, cherries 7558
senescence, roses 9911
tissue culture, tea 10221
wounds, temperate fruits 1562
production
cultural methods
Fagopyrum 1967
Herniaria glabra 10006
tissue culture
Glycyrrhiza echinata 8241
Glycyrrhiza uralensis 1971
Scutellaria baicalensis 4585
Tribulus alatus 5642
Tribulus terrestris 6441
responses, peaches 8598
taxonomy
Agavaceae 7088
Amaryllidaceae 7088
Compositae 39
Iridaceae 9785
Liliaceae 7088
Thymbra capitata 3611
Flemingia, as cover crops, coffee 10143
Flemingia congesta
as cover crops, bananas 10120
utilization, erosion control 9127
Flemingia stricta, plant, composition, flavonoids 1925
Flooding
responses
Phaseolus vulgaris 4209
Vaccinium 8644
Vaccinium ashei 7629
Vaccinium corymbosum 9552
walnuts 4049
Flowers
abscission
growth regulators, ornamental plants 3475
physiology
ornamental plants 3475
Phaseolus vulgaris 1026
colour
biochemistry
Camellia 4441
Camellia chrysantha 2681
carnations 1115, 7917
Hydrangea macrophylla 481
Labiatae 9791
Liliaceae 9791
Matthiola incana 9817
Rhododendron 4448
tulips 6247
Viola tricolor 2607
breeding
Camellia 8062, 9893
carnations 4349
chimaeras, *Saintpaulia* 7941
cultivars, *Rhododendron* 1870
genetics
Matthiola incana 9817
Portulaca 431
Rhododendron 5495
Flowers *cont.*
colour *cont.*
spectral data
Aquilegia flabellata 5378
Centaurea cyanus 5378
Commelina communis 5378
Parochetus communis 5378
Petunia 5378
Rhododendron 5378
Saintpaulia 5378
Senecio cruentus 5378
Viola tricolor 5378
development
aspect, *Macadamia* 7370
assessment
black currants 5901
coffee 10146
biochemistry
carnations 2581
Gladiolus natalensis 3522
tea 2099
tomatoes 385, 1086
cover crops, bananas 10120
cultivars
almonds 6686
cherries 834, 6741
grapes 191, 9597
plums 6766
sugarcane 2094
tomatoes 8944
cultural methods
coconuts 4733
Verbena bonariensis 9827
cytology
peas 7812
Petunia 423
Tradescantia virginiana 6875
Vicia faba 7812
Vicia sativa 7812
defoliation, apples 9453
environment
Macadamia 7370
tomatoes 381
ethylene, *Iris* 6239
fruiting, apples 2197
gamma radiation, *Gladiolus* 3521
genetics
Gerbera 7111
Oxalis rosea 6226
Petunia 4357
sweet peas 4368, 7130
growth regulators
Achimenes 3538
Adonis annua 7122
apples 9420, 9454
Begonia cheimantha 7964
Campanula isophylla 5415
carrots 6156
chrysanthemums 2586-2587, 3493
Convallaria majalis 6021
Episcia cupreata 9876
Freesia 3519
Fuchsia 7184
Gladiolus 3521, 5438
grapes, reviews 9598
kumquats 7355
Lilium longiflorum 6245
mangoes 2086
ornamental plants 3501
Papaver bracteatum 6418
peaches 5021, 9497-9498
pears 9508
pecans 4033
Pelargonium 5375
Pelargonium peltatum 1125
Pharbitis nil 5397
plums 9525
poinsettias 7184
radishes 6010, 6930
reviews 6669
Rhododendron 483-484, 1868, 7184
roses 3586
Streptocarpus 432
sweet peas 4368
tomatoes 381
tulips 1814, 3535
Zingiber officinale 9125
histology
apples 2196-2197
Flowers *cont.*
development *cont.*
histology *cont.*
Caesalpinia 2709
Catharanthus roseus 1310
grapes 9588
jackfruits 2900
Myristica 9936
Narcissus tazetta 1813
Orchidaceae 9061
pecans 4032
Piper nigrum 3619
Rosa sertata × *Rosa rugosa* 8081
humidity, greenhouse crops 9790
irrigation, aubergines 2509
light
Achimenes 3538
Actinidia chinensis 2322
apples 6702
Begonia 2614
Campanula isophylla 5415
chrysanthemums 6206
grapes 2322
Pelargonium hortorum 5401
Rhododendron 483
tomatoes 7854
Trachelium caeruleum 1144
nutrition
Gladiolus 2615, 3520
grapes 3251
Macadamia 7370
plums 4044
organogenesis, *Podophyllum peltatum* 5623
photoperiodism
Begonia 1799
Begonia hiemalis 1800
chrysanthemums 1122, 3493, 6204
Episcia cupreata 9876
Impatiens 1791
Kalanchoe 9878
Rhododendron 483
sweet peas 4368
Tanacetum parthenium 9006
physiology
apples 4938
coffee 10147
Dendrobium 466
Epidendrum ilense 1846
Forsythia 2713
fruit crops 10085
grapes 3250
oranges 2873
peas 2599
pecans 8611
Phaseolus vulgaris 8864
sweet peas 2599
tomatoes 384
protected cultivation, tomatoes 7854
pruning, *Jasminum grandiflorum* 8134
ringing, *Litchi* 7367, 8348
seasonal variation, *Macadamia* 7370
senescence, *Pharbitis nil* 7936
spacing, *Jasminum grandiflorum* 8133
temperature
Allium christophii 2627
almonds 54
apples 1581, 4909, 5862
apricots 8558
Begonia 1799
Camellia 8063
chrysanthemums 1122, 6204-6206
Impatiens 1791
melons 9679
Papaver bracteatum 4577
peaches 5021
pears 8603
Pelargonium hortorum 5401
Phalaenopsis 5477
Rhododendron 483
roses 9088
satsumas 5709
tissue culture, *Streptocarpus nobilis* 7959
water relations, tomatoes 4331

Flowers *cont.*
drop
boron, *Litchi* 2064
cultivars, apples 64
dark, *Begonia hiemalis* 3516
ethylene, *Begonia hiemalis* 3516
growth regulators
grapes 4134
Streptocarpus 7958
nutrition, grapes 179
physiology
Hibiscus rosa-sinensis 2715
oranges 636
silver thiosulphate
Lilium 7985
Pelargonium 4347
fragrance, biochemistry, *Osmanthus fragrans* 9108
initiation
anaerobiosis, chicory 236
assessment, strawberries 3209
biochemistry
apples 7542, 9456
chicory 3309, 8782
Pharbitis nil 420
Sinapis alba 1255, 1898
spinach 8778, 9635
cultivars
cherries 4961
coffee 2081
plums 6766
strawberries 3209
cultural methods, pineapples 4771
defoliation
apples 816
atemoyas 7385
environment, *Rhododendron* 1871
ethylene
chicory 236
Iris 6239
fruiting
apples 8536
olives 8357
satsumas 5708
fungicides, apples 2187
grafting, mangoes 3814
growth regulators
apples 88, 816, 6704, 8522, 9427, 9455
Bromeliaceae 8023
cherries 4970
Citrus latifolia 1419
globe artichokes 6895
Hydrangea macrophylla 7192
Impatiens balsamina 6223, 7952
Litchi 7381
mangoes 692, 6544, 10166
oranges 10087
peaches 849, 3158
Pelargonium 8986
pineapples 1500-1501, 6553
plants 5377
Rebutia minuscula 9884
satsumas 5708
Schlumbergera truncata 462
strawberries 8673
histology
Capsicum 9731
raspberries 7608
interstocks, apples 8515
light
apples 1579, 7542
Bromeliaceae 8023
chicory 956
Pelargonium 8986
Pharbitis nil 6210-6211, 7117
Whitfieldia elongata 5532
nutrition
apples 5852, 7536, 9433
bananas 658
mangoes 10166
phenology, *Oncidium* 6282
photoperiodism
Antirrhinum 2575
chicory 3309
chrysanthemums 5391, 6204
Citrus latifolia 1419
coffee 2081
Eschscholzia californica 8997
Heliconia stricta 9812
Hydrangea 9074

Flowers *cont.*
initiation *cont.*
photoperiodism *cont.*
Impatiens balsamina 6223, 7952, 9814
Pharbitis nil 7117, 9806
plants 5377
Rebutia minuscula 9884
Schlumbergera truncata 462
Sinapis alba 1255
physiology
Actinidia chinensis 9374
apricots 8559
Coriandrum sativum 9117
Iris 6240, 7980
lawns and turf 2639
Liatris spicata 1165
Litchi 3769
mangoes 3814, 10165
olives 8356
Pharbitis nil 1777-1778, 7934
Sinapis alba 9939
strawberries 1634
walnuts 9374
Zoysia 2639
precocity
apples 6704
olives 1436
pears 5028
pruning, atemoyas 7385
reviews, *Litchi* 7368
ringing, mangoes 10166
seasons
Paeonia 8999
strawberries 3209
senescence, *Pharbitis nil* 7935
temperature
Actinidia 6783
Alstroemeria 6248
apples 6717
chicory 236, 8782
chrysanthemums 6204
Citrus latifolia 1419, 7354
cucumbers 9690
Euphorbia lathyris 1384
globe artichokes 953, 6895
Pelargonium 8986
Pelargonium hortorum 5401
roses 9088
tissue culture, chicory 3309
water relations
Citrus latifolia 1419, 7354
lemons 2872
movements, physiology, Orchidaceae 4430
sex
deblossoming, mangoes 7410
growth regulators
Coriandrum sativum 5535
cucumbers 5245, 7788
Cucurbita pepo 3335
longans 7381
Luffa aegyptiaca 6010
mangoes 7381, 7410-7411
Momordica charantia 7791
physiology, *Arisaema triphyllum* 7154
temperature, *Momordica charantia* 7790
size, breeding, *Viola wittrockiana* 2608
thinning
ammonium thiosulphate, peaches 111
desiccants, peaches 111, 4021
growth regulators
apples 9468
peaches 3159
responses
apples 4944
cucumbers 2421, 7873
peaches 5886
strawberries 149
tomatoes 7873
Flueggea microcarpa, leaves, composition 1970
Flueggea virosa, plant, composition 3684
Fluorides, composition, vegetables 3265
Fluorine
absorption, grapes 4105
responses, *Phaseolus vulgaris* 5263

Fluorine *cont.*
toxicity
grapes 166, 4105
Petunia 4359
Fodder, harvesting, sugarcane 8429
Foeniculum (*see also* Fennel)
Fogging, equipment, plants 3890
Foliage plants
frost, injuries 412
grading, techniques 7904
growth regulators, paclobutrazol, responses 7894
nutrition, nitrogen 9866
pesticides, residues 2643
pests, biological control, books 8439
propagation, equipment 7168
reports
Australia 6607
German Federal Republic 8456
UK 4827
wild plants, surveys, Australia 9035
Forcing (*see also* Protected cultivation)
Asparagus 9725
chicory 955, 7729, 8780-8781
Forsythia viridissima 9920
Gladiolus 7140
hyacinths 2617, 9833
Hydrangea macrophylla 8067
Iris 6239, 9836
Lilium 7985
Lilium longiflorum 9019
Muscari armeniacum 1167
Narcissus 9833, 9844
Paeonia 8999
Rhododendron 1871
rhubarb 7831
Scilla mischtschenkoana 5453
strawberries 893
tulips 1161, 1814, 3534, 5444, 7989, 7991, 9023
Forcipomyia, pollinators, cocoa 6530, 9264
Forecasting
diseases
Plasmopara viticola, grapes 6661
Venturia inaequalis, apples 84, 3953, 6661
disorders
bitter pit, apples 1593
breakdown, apples 1593, 9472
flowering date, *Gladiolus* 7141
harvesting date
cucumbers 8846
grapes 2328
peaches 112
peas 2479
pests, *Quadraspidiotus perniciosus,* apples 3109
yields
apples 5846
grapes 8714
oil palms 1495
Formicidae, control, of *Perileucoptera coffeella,* coffee 684
Formicomus braminus, pollinators, *Myristica fragrans* 6327
Forsythia
landscaping, USA 3570
planting stock, production, containers 472
Forsythia intermedia
cuttings, types, summer cuttings 1849
herbicides
injuries 7191
tolerances 473
planting stock, production, techniques 9091
shoots, development, growth regulators 3592
soil amendments 491
Forsythia mandschurica, tissue culture, propagation, micropropagation 8069
Forsythia ovata
flowers, development, physiology 2713
tissue culture, propagation, micropropagation 8069
Forsythia saxatilis, flowers, development, physiology 2713
Forsythia suspensa
pollen, germination, amines 415
pollution
hydrogen fluoride 4435

Forsythia suspensa *cont.*
pollution *cont.*
ozone 4435
Forsythia viridissima
cut flowers, storage 9920
flowers, development, physiology 2713
forcing 9920
plant
composition, flavonoids 9089
development, phenology 9089
Fortunella
cultural methods, pot plants 418
plant, composition, enzymes 2837
Fortunella crassifolia, tissue culture, propagation, techniques 624
Fortunella japonica, fruits, composition 2061
Fortunella margarita, tissue culture, propagation, techniques 624
Fosterella penduliflora, shoots, development, growth regulators 3555
Fragaria (*see also* Strawberries)
flowers
initiation
growth regulators 5377
photoperiodism 5377
wild plants, surveys, China 6678
France
Actinidia chinensis
cultivars 2267
cultural methods 1626
apples
cultural methods 3084
economics 3075
production 4890
rootstocks 3935
apricots
cultivars 1595
economics 3075
production 3977
Asparagus, economics 3075
black currants, cultural methods 5900
cherries, cultivars 1608
Chinese cabbages, cultural methods 7745
Corsica, citrons, production 5660
cut flowers, production, protected cultivation 6176
essential oil plants, production 509
figs, production 4004
grapes
cultivars 4096, 5120, 8690, 8694
cultural methods 5107
diseases, control 3243
pests, control 3243
production 4088
rootstocks 5927
hazelnuts, cultivars 4975, 9483
melons, cultural methods 5792
olives, cultural methods 2887
peaches
cultivars 1608
cultural methods 5880, 6749
economics 3075
pears, production 4890
pistachios, cultural methods 4035
Pyrus, cultural methods 4024
Ranunculus, breeding 4407
raspberries, cultural methods 6789
Stachys sieboldii, cultural methods 9773
strawberries
cultivars 5084, 6802
cultural methods 7634
economics 9553
tomatoes, cultivars 1069, 2515
walnuts, cultivars 2266
Frankliniella intonsa, tomatoes 6119
Fraxinus angustifolia
buds, development, physiology 8104
cultivars, characteristics, UK 8057
Fraxinus berlandieriana, buds, development, physiology 8104
Fraxinus chinensis
pollution
hydrogen fluoride 4435
ozone 4435
Fraxinus excelsior, pollution, tolerances 475
Fraxinus floribunda, plant, composition, coumarins 578
Fraxinus japonica, plant, composition, coumarins 1886
Fraxinus mandshurica, plant, composition, coumarins 1886
Fraxinus mariesii, buds, development, physiology 8104
Fraxinus ornus, plant, development, phenology 7093
Fraxinus pennsylvanica
buds, development, physiology 8104
tissue culture, propagation, micropropagation 8069
Fraxinus velutina, buds, development, physiology 8104
Freesia
corms, development, physiology 9829
cultivars
characteristics
German Democratic Republic 5435
Netherlands 1805, 5434
cut flowers 1145
propagation 6235
cultural methods, pot plants 7136
cut flowers
preservatives 7968
production
cultural methods 1145
protected cultivation 1805, 7137
senescence 7967
water relations 7967
flowers, development, growth regulators 3519
plant, composition, phenolic compounds 9785
planting stock
production
economics 6236
techniques 6236
reports, UK 4824
seeds, production, cultural methods 6235
Fritillaria, bulbs, production, cultural methods 9843
Fritillaria delavayi, plant, composition, alkaloids 1163
Fritillaria karelinei, bulbs, composition 9026
Fritillaria pallidiflora, bulbs, development, tissue culture 5449
Fritillaria persica, tissue culture, propagation, techniques 444
Frost (*see also* Cold; Winter hardiness)
injuries
Actinidia chinensis 133, 7585
almonds 7499
Amelanchier alnifolia 869
apples 4909, 8541
assessment
apples 7505
Rhododendron 9086
grapefruits 1427
grapes 165, 9377
Jerusalem artichokes 5197
Malus 869
olives 10101
oranges 1427
ornamental plants 412
peaches 2245
pears 8541
plums 869
Pyrus 869
Quercus rubra 2245
quinces 7499
Rhododendron 1869
spinach 6885-6886
strawberries 7642, 8683
surveys
horticultural crops 5808
ornamental plants 5808
Petroselinum crispum 5957
vegetables 5957
temperate fruits 1558-1560, 1566, 9380
walnuts 1558, 7499, 9380
woody plants 411, 5481, 9090
protection
cultural methods
Citrus 2043, 5674
lemons 10066
strawberries 2290, 8667
Frost *cont.*
protection *cont.*
equipment
apples 5844
fruit crops 1610
peaches 5844
fog, horticultural crops 751
heaters, *Citrus meyeri* 1399
irrigation
apples 7523, 7543, 9414
Citrus 2045
horticultural crops 752
oranges 2044, 4638
strawberries 8666
temperate fruits 4881
materials
Citrus 5674
mandarins 5673
tea 2098
snow
apples 7524
strawberries 8667
techniques, lemons 6468
wraps, oranges 2044
resistance
assessment, *Parthenium argentatum* 5649
bacteria, stone fruits 5881
biochemistry
apples 9452
spinach 1684
Taxus baccata 9067
Thuja occidentalis 9067
cultivars
apples 4892, 4910, 5835, 5843
apricots 4955, 6736
cabbages 2392
cherries 4962
Citrus 3741
coffee 4737
grapes 3219, 4102-4103, 5116, 5920, 9567
nectarines 6754
olives 4674
peaches 4008, 4979, 6754
plums 125, 5891
spinach 1685
strawberries 7641
temperate fruits 7499
Ziziphus 9303
cultural methods
Actinidia chinensis 5898
apples 9413
grapes 164, 910, 4102-4103
pears 9413
growth regulators
apples 1567-1568
black currants 1568
raspberries 2284
temperate fruits 1570
interstocks, temperate fruits 1559
nutrition
Acer palmatum 3594
apples 9411
grapes 8486
raspberries 2283
satsumas 2845
physiology
apples 9379
cherries 4972
grapefruits 2042
grapes 164, 1642-1643, 5944
oranges 2042
peaches 4972
Rosa 1873
spinach 1685
strawberries 7641
temperate fruits 7499
Valerianella locusta 6166
woody plants 1557, 1764, 9912
pruning, grapes 5944
reviews 2143
rootstock scion relationships
apples 5843, 9411
mandarins 1398
temperate fruits 1559
rootstocks, apples 9400
salinity, spinach 6885
seasonal variation
apples 1580
grapes 1643

Frost *cont.*
resistance *cont.*
slopes, apples 7525
surfactants, apples 1567
surveys, vegetables 5957
tests
grapes 1642
peaches 8585
Rhododendron 1225
watercress 7763
woody plants 411
water relations, apples 9412
responses
apples 7522
grapefruits 4636-4637
peas 4276
tolerances
Cactaceae 2647
fruit crops 4620
ornamental plants 1111
pecans 4620
Simmondsia chinensis 4620
Fruit crops
biology, conferences 3016
conferences 9309-9310
cover crops, cultural methods 9384
cultivars
assessment, USSR 8467
characteristics, Hungary 20
cultural methods, books 6591
diseases, *Phytophthora* 6658
disorders 764
drought, responses, reviews 2145
drying, energy requirements 773
frost, protection, equipment 1610
fruits
composition 7496
loosening, growth regulators 770
fungicides
determination 6664
residues 4864
responses 6658
grading
equipment 6676
techniques 774, 1554
growth regulators
ethylene, physiology 8446
reviews 9381
handling
injuries 5824-5825
techniques 1526
harvesting
injuries 50-52
techniques
mechanical harvesting 44, 50-53, 769, 2148, 3082, 9328
reviews 770
work studies 771
irrigation, equipment 4843
landscaping 7087
nutrition, reviews 6657
pesticides, residues 4864
pests
Ceratitis capitata 33
control, conferences 8443-8444
surveys, India 762
plant
composition
ascorbic acid 5826
carbon 8464
carotenoids 3919
vitamin B 5167
development
books 3011
phenology 2899, 6670
plant residues, utilization, energy sources 46
planting, systems, conferences 4811
production
energy requirements 6679
Mediterranean 9322
USSR 6679
protected cultivation, cultural methods 6637
pruning, prunings disposal 46
quality, nutrition, reviews 6675
reports
Australia 6608
Belgium 742
Brazil 6610
Canada 6611
Fruit crops *cont.*
reports *cont.*
Irish Republic 9317
Italy 1532
New Zealand 6617
Sarawak 6619
USA 6623, 9321
research
Sri Lanka 2896
Yugoslavia 2149
salinity, responses, reviews 8316
soil sickness 6659
solar radiation, interception, assessment 6632
spraying, techniques, assessment 777
storage
physiology 772
systems
assessment, conferences 3017
cold storage 778
controlled atmosphere storage 1555
water relations
conferences 2116
environment, reviews 3911
physiology, reviews 3911
wild plants
surveys
China 6678
Nepal 7465
Zaire 8368
yields, energy 7318
Fruits
abscission
biochemistry
apples 1587
grapefruits 4657
environment, tomatoes 9757
growth regulators
olives 9249
pecans 5063
Phaseolus vulgaris 6056
physiology, oranges 4659
aroma
biochemistry
Amelanchier alnifolia 868
figs 9485
grapes 4136, 6848
mangoes 695
strawberries 3211
gamma radiation, peaches 7572
storage, *Actinidia chinensis* 4055
biochemistry
cultivars
apples 6727
peaches 841, 4981
Phaseolus vulgaris 7809
pomegranates 1441
cultural methods
grapes 8689
pears 6759
environment
grapes 7683, 8689
lemons 5668
flowering, cherries 8573
fungicides, apples 9474
gamma radiation
mangoes 3816
pawpaws 3816
growth regulators
apples 8499
Capsicum 393
grapes 5150
mangoes 7411
pears 5049
pineapples 2947
handling, *Litchi* 2885
herbicides, peaches 6751
irrigation
apples 2174
grapes 2331
tomatoes 7020
light
apples 8555
Capsicum 6095
cherries 8571
grapes 4110, 7668
nutrition
grapes 2314, 2329, 4117, 6849
tomatoes 3451
position, cherries 8573
Fruits *cont.*
biochemistry *cont.*
protected cultivation, *Phaseolus vulgaris* 7809
pruning
apples 4915, 8521
grapes 916
reviews, grapes 9603
rootstock scion relationships
lemons 5668
pears 5031
seasonal variation
oranges 5713
tangelos 6491
tangors 6491
size, black currants 136
spacing, apples 4880
storage
Actinidia chinensis 9533
apples 6727, 8555
temperature, grapefruits 10094
thinning, grapes 8714
training, grapes 4113-4114, 5933
browning
biochemistry
apples 3119
avocados 6667
bananas 6667, 7395
olives 8358
cultivars
apples 3119
grapes 3215
olives 8358
growth regulators, *Litchi* 5722
colour
assessment, *Citrus latifolia* 645-646
biochemistry
oranges 7352
Vaccinium macrocarpon 1628
cultivars, *Ilex* 2684
cultural methods, apples 1573
flowering, cherries 8573
growth regulators
cherries 3137
grapes 174, 5150
mandarins 4658, 6486
peaches 9500
satsumas 2058
light, cherries 8571
nutrition, apples 9432
position, cherries 8573
storage
apples 6726
Citrus latifolia 646
sucrose esters, apples 6732
surfactants, *Vaccinium macrocarpon* 7632
temperature
grapefruits 10094
Vaccinium macrocarpon 7631
thinning, satsumas 2058
cracking
cultivars, grapes 8716
environment, grapes 8716
degreening, ethylene, lemons 10092
development
assessment
apples 5865
pears 9510
biochemistry
apples 1587, 6709, 6723
avocados 2036
bananas 662
coffee 685
grapes 186, 2330, 4133, 5152, 5160
lemons 2055
mandarins 10091
melons 9691
nectarines 5024
oil palms 4759
peaches 4022
peas 7822
Raphia hookeri 1388
Solanum wrightii 2002
strawberries 5915, 6723
tea 685
tomatoes 385, 1743, 3449, 5351, 6723
cobalt nitrate, avocados 1393

Fruits *cont.*
development *cont.*
cultivars
peaches 4022, 8599
Phaseolus vulgaris 8865
tomatoes 3411, 5351, 8944, 9761
cultural methods, *Capsicum* 8896
diurnal variation, tomatoes 9765
drought, satsumas 2869
environment
Actinidia chinensis 1626
black currants 9539
grapes 4111
peaches 8599
tomatoes 7055, 9761
growth regulators
apples 2201, 4924, 8522, 9422, 9426
bananas 10130
boysenberries 884
Capsicum 345, 393
cherries 4000, 4002
Citrus 5710
clementines 8341
coffee 680
cucumbers 5245
dates 10096
reviews 648
figs 5874
grapes 4130, 4137, 5951-5952, 7681-7682, 9600
Litchi 5722
loquats 10100
okras 1052
oranges 1421
Papaver bracteatum 6418
Papaver somniferum 1348
peaches 849, 5025
pears 9509
Phaseolus vulgaris 7808
pineapples 2946
raspberries 8637
roses 4454
satsumas 2851, 9239
strawberries 3210
tomatoes 393, 4333, 7058, 7865
histology
grapes 7681
Raphia hookeri 1388
temperate fruits 9386
interstocks, apples 7516
irrigation
aubergines 2509
grapes 2332
strawberries 2291
light
apples 8536
grapes 193
tomatoes 7058
Vicia faba 310
nutrition
grapes 3251
oranges 10070
raspberries 8638
tomatoes 7032, 8929
parthenocarpy
Capsicum 393, 5316, 9731
cherries 4000
Citrus 5710
grapes 7682
loquats 10100
pummelos 10086
strawberries 3210
tomatoes 393, 4333, 5349
physiology
Aegle marmelos 729
apples 2205, 3118, 3123, 3976, 4945
atemoyas 7386
Capsicum 9733
cherries 4002
Hippophae rhamnoides 3212
Litchi 1434, 8349
mangoes 10167
melons 9692
oil palms 4758
okras 6982
strawberries 3210, 8683
tomatoes 384
Ziziphus mauritiana 729

Fruits *cont.*
development *cont.*
pollination
oil palms 4759, 9279
tomatoes 5349
position
melons 9688
strawberries 1635
protected cultivation, strawberries 8668
pruning
grapes 3237, 5949, 7673, 9600
raspberries 7603, 8638
strawberries 5091
respiration, *Litchi* 5722
ringing, grapes 5952
salinity, tomatoes 7866
seasonal variation, tomatoes 3411
shade, *Capsicum* 7836-7837
shelterbelts, *Citrus* 10068
spacing
oranges 2040
Vicia faba 3370
sugars, oranges 1421
temperature
apples 798
apricots 8558
Capsicum 5316
cucumbers 275
grapes 5947, 9567
melons 9679
nectarines 9501
peaches 9501
tomatoes 4333, 7017
Vaccinium macrocarpon 7631
Vicia faba 3370
thinning, grapes 5950
water relations
grapes 187, 5146
marrows 7582
peaches 2247
peas 8884
plums 7582
Simmondsia chinensis 10041
strawberries 7582
tomatoes 7582, 9765
drop
cultivars
apples 64
Litchi 2884
red currants 7598
tomatoes 3410
Vaccinium ashei 8649
diseases, okras 5308
growth regulators
apples 815, 2198, 4924
cashews 3786
grapes 924, 4134
limes 638
mandarins 4658
oil palms 8369
olives 8354
oranges 639
peaches 849
pears 5048
persimmons 6509
Ziziphus mauritiana 728
light, apples 1579, 6722
nutrition
apples 7536
limes 638
physiology
apples 9464
Citrus 8340
Hippophae rhamnoides 3212
mangoes 2087, 9273
oranges 636
peaches 5022
red currants 7598
ringing, persimmons 6509
storage, grapes 5155
temperature, tomatoes 3410
thinning, grapes 5950
flavours
assessment, apples 2221, 4954
biochemistry
apples 4954
fruit crops 8497
grapefruits 5715
grapes 2326
tomatoes 7057

Fruits *cont.*
flavours *cont.*
biochemistry *cont.*
watermelons 4203
cultivars, tomatoes 7057
cultural methods, tomatoes 7057
ethanol, persimmons 3774
fungicides, grapes 1654
gamma radiation
cherries 7562
peaches 7572
storage, pears 2221
loosening
cultivars, cherries 3985
growth regulators
cherries 2238
fruit crops 770
grapes 174
Hippophae rhamnoides 7655
Macadamia 650, 7371
olives 1438
oranges 2059
maturity
assessment
apples 8542
grapes 5156
pears 8542
mechanical properties
assessment 5824-5825
Actinidia chinensis 874
apples 826-829, 3130, 7552
grapefruits 3761
oranges 8946
peaches 8601
raspberries 9549
strawberries 2303
tomatoes 6115, 7059, 8946
Vaccinium 141
biochemistry, tomatoes 6146
cultivars
apples 2222
tomatoes 1087, 6146, 7011
cytology, apples 829
growth regulators
apples 8499
cherries 3137, 4002
grapes 4137, 8716
histology, tomatoes 1087
light, cherries 8571
nutrition, apples 6710, 9470
packing, grapefruits 2881
parthenocarpy, pears 2253
pollination, pears 2253
ripening, tomatoes 1745
storage
Actinidia chinensis 874
apples 827, 6726, 8549
sucrose esters, apples 6732
quality
assessment
apples 3129, 5866
cherries 8574
Elettaria cardamomum 4480
mangoes 10176
melons 1715, 6034
Pyrus pyrifolia 5055
tomatoes 8947
biochemistry, cashews 4718
consumer preferences
nectarines 9502
peaches 9502
pears 9376
cultivars
apples 9426
pears 5027
plums 5067
cultural methods
apples 2173, 7529
Litchi 8350
satsumas 9225
environment
apples 6730
lemons 4667
oranges 3752
flowering, cherries 8573
gamma radiation
cherries 7562
oranges 7360
peaches 7572
growth regulators
apples 819, 2204, 9424, 9426

Fruits *cont.*
quality *cont.*
growth regulators *cont.*
cherries 4001
grapes 8708
guavas 4746
lemons 3756
mandarins 10087
mangoes 7410-7411
oranges 2852
raspberries 2284
Ziziphus mauritiana 728
handling
peaches 8602
tomatoes 390
harvesting, mandarins 3757
harvesting date
nectarines 9502
peaches 6749, 9502
interstocks, lemons 7323
irrigation, grapes 8699, 8708
light, cherries 8571
microorganisms, oranges 4669
mulching, apples 79
nutrition
apples 803, 819, 3127, 6731, 8527
cherries 4001
coffee 3802
grapes 8699, 8708
guavas 3810
lemons 3748-3749
melons 269
oranges 1409
raspberries 2284
reviews 6675
satsumas 1409
tomatoes 3451
position
apples 3976
cherries 8573
mandarins 3757
protected cultivation, tomatoes 7852
pruning, grapes 8702
rootstock scion relationships
apples 792
grapefruits 4631
oranges 2842
salinity, cucumbers 9680
seasons, pineapples 10182
soil water, apples 803
soilless culture, tomatoes 2524, 3450
spacing, *Physalis ixocarpa* 7060
temperature, tomatoes 390
thinning, pears 2255
training
apples 3104, 7531
peaches 5011
yields, grapes 197-198
ripening
acetylene, bananas 7397
anaerobiosis, apples 1585
biochemistry
Actinidia chinensis 4055, 8628
apples 90, 1586, 1591, 3117, 3969, 4946, 6138, 8554
avocados 7382, 8319
bananas 1461, 1463, 2073, 7382
black currants 2277
Capsicum 1591, 4299, 7841
cherries 5871
Citrus latifolia 10090
clementines 1420
dates 4671
Elettaria cardamomum 4481
grapes 2326, 2333, 5151, 5159, 5953, 6846
Litchi 9246
Malpighia punicifolia 896
mangoes 693, 9274
melons 6950
nectarines 5024
oil palms 3819, 4760
passion fruits 7382
pawpaws 8412
peaches 4022
pears 121-122
persimmons 9254
Prunus spinosa 6773
sapodillas 7382

Fruits *cont.*
ripening *cont.*
biochemistry *cont.*
strawberries 5915
Thaumatococcus daniellii 1389
tomatoes 386, 1088, 1742, 5350, 6138, 7874, 8945
Vaccinium ashei 6797
watermelons 278
cultivars, tomatoes 7011
environment, *Citrus* 641
ethylene, bananas 664, 2902
growth regulators
Actinidia chinensis 2269
apples 815, 8499
avocados 7316
bananas 2074, 7396, 10132
cherries 3137
coffee 3807
grapes 1650, 2326
kumquats 2879
Litchi 5722, 6500-6501
mangoes 1483
Opuntia amyclaea 5733
oranges 6488
satsumas 2056
tomatoes 1089, 6139-6140, 7051
irrigation
peas 5288
strawberries 2291
light
apples 8536
cherries 8571
grapes 911, 7668
morphology, grapes 2325
nutrition, peaches 5730
pesticides, tomatoes 7049
physiology
Amelanchier arborea 4073
avocados 7316-7317
bananas 664, 1463
grapes 923
mangoes 9273, 10171, 10173
melons 1006
oranges 4662
pears 120-121, 857, 1615, 8605
tomatoes 9764
Vaccinium corymbosum 4073
provenance, apples 4894
rootstock scion relationships, grapes 911
shade, *Capsicum* 7837
storage
Actinidia chinensis 2269, 9533, 9535
bananas 663, 1463, 2902, 3782, 6524, 7397
black currants 2277
mangoes 9274
pears 858, 9512
strawberries 5916
tomatoes 6144
temperature
bananas 664, 10132
grapes 911, 5947
pears 122
tomatoes 6144, 7017
russeting
cultural methods, apples 3120
growth regulators, apples 2204, 5864
nutrition, apples 806
set
biochemistry, guavas 8400
boron, *Litchi* 2064
cultivars
cherries 834, 1603
mangoes 10155
tomatoes 6104
defoliation, apples 9453
environment
cherries 3136
passion fruits 7373
flowering, *Vaccinium ashei* 8649
growth regulators
apples 2202, 6704, 8499, 8506, 9420, 9459-9462
apricots 4957, 4959
atemoyas 6515
cashews 3786
cherries 6744, 6758

Fruits *cont.*
set *cont.*
growth regulators *cont.*
clementines 8341, 10087
coffee 4739
cucumbers 2443
grapes, reviews 9598
limes 638
Litchi 3770
mandarins 7381
olives 8354, 10104
pears 5049, 6758
plums 6758, 9459, 9526
pummelos 10086
tomatoes 7050, 7058
irrigation, pears 3170
light
cherries 8571
tomatoes 7058, 7854
nutrition
apples 5852
cucumbers 8829
limes 638
tomatoes 7032
pesticides, apples 9463
physiology
Crescentia cujete 6309
satsumas 10088
pollination
apples 1583, 4939
cherries 1604
pears 5047
protected cultivation, tomatoes 6104, 7854
reviews, *Litchi* 7368
temperature
cherries 1603, 1605
mangoes 3814
pears 856
tomatoes 4306
vibration, tomatoes 7050
water relations
cucumbers 8829
tomatoes 4331
shape, growth regulators, apples 818, 5864
size
assessment
apples 830
temperate fruits 7545
cultivars, apples 830, 5868
cultural methods, apples 1573, 6733
defoliation, *Actinidia* 6784
environment
apples 2192
lemons 5668
flowering, cherries 8573
growth regulators
apples 3105, 5864, 8499, 8523, 9427
apricots 4959
cherries 2238, 3137
clementines 8341
cucumbers 7788
grapes 6845, 9578
olives 8354
pears 5049
pineapples 2947
Ziziphus mauritiana 728
herbicides
mandarins 1400
peaches 3162
light, cherries 8571
measurement, apples 2192
mulching, apples 7526
nutrition, apples 806, 7536
pruning
Actinidia chinensis 1625
avocados 10052
rootstock scion relationships, lemons 5668
storage, oranges 6487
yields, apples 3971
thinning
growth regulators
apples 1584, 2199-2201, 2203, 3965-3966, 8541, 9427, 9465, 9468
clementines 8341
natsudaidais 10089
peaches 1613, 5023, 9499

Fruits *cont.*
thinning *cont.*
growth regulators *cont.*
plums 2264
herbicides, peaches 3162
insecticides, apples 3965
responses
apples 4924, 4943, 6733
Capsicum 9732
coconuts 4733
cucumbers 2421, 7873
grapes 5950, 8714
peaches 3159
pears 2255
persimmons 4680
satsumas 2058
strawberries 894
tomatoes 7055, 7873, 9762
surfactants, apples 9428
techniques
apples 2202
peaches 2202
pears 2255
Fuchsia
cultivars, pot plants 2674
cultural methods, pot plants 6173, 7184
cuttings, sources, cultural methods 1887, 6312
growth regulators, paclobutrazol, responses 7894
pests, *Aculops fuchsiae* 2714
pruning, systems, growth regulators 3506
tissue culture, propagation, micropropagation 4464
transport, injuries 7903
Fulvia fulva, tomatoes 8911
Fumaria, plant, composition, alkaloids, reviews 8239
Fumaria capreolata, plant, composition, alkaloids 7282, 8240
Fumaria densiflora, plant, composition, alkaloids 5604
Fumaria judaica, plant, composition, alkaloids 6402
Fumaria macrocarpa, plant, composition, alkaloids 6403
Fumaria parviflora, plant, composition, alkaloids 1327, 3685
Fungi
edible species (*see also* Mushrooms)
Agaricus bitorquis 2562
Amanita vaginata 9779
Auricularia auricula 2566
Boletus edulis 2567
Cantharellus cibarius 2567, 9780
Coprinus 1753
Coprinus comatus 1106
Coprinus lagopus 1759
Flammulina velutipes 1105, 6169
Grifola frondosa 2787, 6169, 8963
Kuehneromyces mutabilis 1105
Lactarius 409
Lactarius deliciosus 9779
Lentinus 1753
Lentinus edodes 1104-1105, 1107, 1757, 2350, 2566, 2568, 4346, 5368-5369, 6169, 8964
Lentinus squarrosulus 1759
Lepiota procera 9779
Lepista nuda 9779
Lyophyllum aggregatum 6169
Lyophyllum cinerascens 6169
Morchella costata 7081
Morchella esculenta 1758
Panaeolus papilionaceus 1759
Peziza vesiculosa 6169
Pholiota nameko 6169
Pleurotus 409, 1753, 6170
Pleurotus flabellatus 7082
Pleurotus ostreatus 1104-1105, 1760, 8965
Pleurotus sajor-caju 1761, 2566
Poria cocos 8966-8967, 9781
Schizophyllum commune 8968
Stropharia 1753
Suillus granulatus 9779
surveys, South America 8961
Terfezia claveryi 7083
Tirmania nivea 7083
Tremella fuciformis 2566

Fungi *cont.*
edible species *cont.*
Tuber melanosporum 6171
Volvariella 1753
Volvariella diplasia 2569
Volvariella speciosa 9779
Volvariella volvacea 1105, 1759, 2566, 8969
Fungicidal properties
Algae 4537
Alpinia galanga 3631
Anaphalis contorta 1903
Argyreia nervosa 4544
Asparagus racemosus 215
Azadirachta indica 5560, 7252
bananas 7257
celery 553
Cinnamomum 5533
Cissus junceum 7257
Curcuma longa 1923
Cymbopogon 4501
Elettaria cardamomum 5533
Erigeron bonariensis 1923
essential oil plants 3629
garlic 215, 3651, 8148
Ginkgo biloba 5521
Glycyrrhiza glabra 8841
Hedychium coronarium 1923
Heterophragma quadriloculare 1975
Hibiscus sabdariffa 559
Hyptis suaveolens 506
Iberis amara 9138
Inula cuspidata 7286
Inula racemosa 1976
Jatropha podagrica 3688
Justicia pectoralis 4571
Lawsonia inermis 559
Lepidium ruderale 1923
Lomatium dissectum 5613
Luvunga scandens 519
mangoes 6546
Mentha piperita 553
Monotes engleri 7257
Myristica fragrans 5533
Nerium 8148
Ocimum gratissimum 506, 2755
Ocimum sanctum 8148
onions 215, 8148
pawpaws 7257
Piper betle 5563
Piper nigrum 5533
Pongamia pinnata 1278
Ranunculus sceleratus 4528
Rosa 8148
Rosmarinus officinalis 5537
Salvia officinalis 5537
Sideritis 5632
Syzygium aromaticum 5533
Thymus vulgaris 5537
Vernonia glabra 7257
wild plants 4528
Ziziphus mucronata 7257
Fungicides
benomyl
application
apricots 2226
grapes 2226
responses
apples 3975
bananas 3782
onions 2361
oranges 6474
peaches 3160, 9493
pecans 7576
benzimidazoles
determination, fruit crops 6664
disease resistance, grapes 5937
bitertanol
injuries
apples 2187
carnations 8978
chrysanthemums 6201
tolerances
Begonia 8973
Saintpaulia 8973
Verbena 8973
Bordeaux mixture, responses, peaches 3160
captafol
determination, horticultural crops 6663

Fungicides *cont.*
captafol *cont.*
residues, horticultural crops 4864
responses
apples 9463
tomatoes 8935
Zingiber officinale 3623
captan
application, apples 2186
determination, horticultural crops 6663
injuries
Antirrhinum 2572
apples 2187
residues, horticultural crops 4864
responses
apples 9463
onions 2361
peaches 9493
carbendazim
responses
apples 3975
okras 3394
carboxin
injuries, onions 222
responses, lawns and turf 2636-2637
chlorothalonil
determination, horticultural crops 6663
residues, horticultural crops 4864
responses, peaches 9493
copper compounds
application, tomatoes 7042
residues, coffee 1477
responses, citranges 9227
copper oxychloride
responses
oranges 6474
peaches 3160
dicarboximides
disease resistance
grapes 5937
strawberries 5912
dichlofluanid
determination, horticultural crops 6663
injuries, foliage plants 9867
diclobutrazol, responses, chrysanthemums 3487
dodemorph
injuries
Begonia 8973
Saintpaulia 8973
tolerances, *Verbena* 8973
dodine
responses
pecans 7576
Zingiber officinale 3623
etaconazole, injuries, apples 2187
fenaminosulf, responses, *Zingiber officinale* 3623
fenarimol
injuries, apples 2187
residues, globe artichokes 6894
responses, *Vicia faba* 9718
fentin hydroxide, responses, pecans 7576
folpet
determination, horticultural crops 6663
responses
apples 9463
peaches 3160
fosetyl
responses
fruit crops 6658
leeks 217
peaches 3160
imazalil, residues, globe artichokes 6894
iprodione
determination, horticultural crops 6663
residues
fruit crops 6665
raspberries 2287
mancozeb
responses
apples 9463
tomatoes 8935
maneb, injuries, foliage plants 9867

Fungicides *cont.*
metalaxyl
application, pot plants 6202
responses, *Zingiber officinale* 3623
methoxyethyl mercury chloride, responses, sugarcane 6568
metiram, application, apples 2186
nuarimol, responses, apples 9463
oxycarboxin
injuries, carnations 8978
responses, onions 2361
phenylmercury acetate, responses, onions 2361
phenylphenol, residues, *Citrus* 6490
procymidine, determination, horticultural crops 6663
propiconazole
injuries, chrysanthemums 6201
responses, pecans 7576
pyrazophos, tolerances, *Saintpaulia* 8973
quintozene, injuries, foliage plants 4412
reviews, injuries, woody plants 5482
sulphur
application, apples 2186
responses, grapes 1654
thiabendazole, responses, apples 3975
thiophanate
responses
apples 3975
peaches 3160
thiophanate-methyl, injuries, foliage plants 9867
triadimefon
application, apples 2186
injuries
Begonia 8973
Saintpaulia 8973
residues, globe artichokes 6894
responses
cucumbers 3350
Vicia faba 9718
Zingiber officinale 3623
tolerances, *Verbena* 8973
triadimenol, responses, *Vicia faba* 9718
triarimol, responses, *Vicia faba* 9718
triforine
injuries
Begonia 8973
chrysanthemums 6201
Saintpaulia 8973
tolerances, *Verbena* 8973
vinclozolin
determination, horticultural crops 6663
residues
grapes 7677
lettuces 5993
zineb, responses, peaches 3160
Fusarium
Acer negundo 1879
apples 785
carnations 8975
carrots 8953
Citrus 8343
horticultural crops 8490
mangoes 3811
okras 7828
peas 2478
Phaseolus vulgaris 4212
Piper nigrum 4485
reports, UK 4827
tomatoes 4309, 8911
Fusarium equiseti
vegetables 925
Zingiber officinale 503
Fusarium oxysporum
Asparagus 5303
Callistephus chinensis 8995
Cassia tora 7269
Gladiolus 1145, 1150
tomatoes 3414-3415, 4308
tulips 1161
Vicia faba 4229
Fusarium oxysporum* f.sp. *apii
celeriac 9770
celery 9770
***Fusarium oxysporum* f.sp. *callistephi*,** *Callistephus chinensis* 3504
***Fusarium oxysporum* f.sp. *cepae*,** onions 7709
***Fusarium oxysporum* f.sp. *chrysanthemi*,** chrysanthemums 2582, 5389, 7926
***Fusarium oxysporum* f.sp. *cucumerinum*,** cucumbers 8820, 8839
***Fusarium oxysporum* f.sp. *cyclaminis*,** *Cyclamen* 4379-4380
***Fusarium oxysporum* f.sp. *dianthi*,** carnations 2579, 6190, 7101
Fusarium oxysporum* f.sp. *gladioli
Gladiolus 4384, 7138
Iris 5440
***Fusarium oxysporum* f.sp. *lilii*,** *Lilium* 7144
***Fusarium oxysporum* f.sp. *lycopersici*,** tomatoes 1729, 6114, 6131, 7855, 7857, 8912
***Fusarium oxysporum* f.sp. *melonis*,** melons 262
***Fusarium oxysporum* f.sp. *narcissi*,** *Narcissus* 4394
Fusarium oxysporum* f.sp. *niveum
cucumbers 2434
watermelons 2411, 3346
***Fusarium oxysporum* f.sp. *pisi*,** peas 1036, 5284
***Fusarium oxysporum* f.sp. *radicis-lycopersici*,** tomatoes 6131
***Fusarium oxysporum* f.sp. *ranunculi*,** *Ranunculus* 5451
***Fusarium oxysporum* f.sp. *tracheiphilum*,** chrysanthemums 2582, 5389, 7926
Fusarium sacchari
Nerine bowdenii 1160
sugarcane 9294
Fusarium solani
Cyamopsis tetragonoloba 311
Vicia faba 4230-4231
Zingiber officinale 3623
***Fusarium solani* f.sp. *fabae*,** *Vicia faba* 4229
***Fusarium solani* f.sp. *pisi*,** peas 8874
***Fusarium sporotrichioides*,** grapes 2317
***Fusarium subglutinans*,** mangoes 10162
***Fusarium tabacinum*,** *Ranunculus* 5451
***Fusicladium amygdali*,** almonds 8502
***Fusicoccum amygdali*,** peaches 3153, 5017
***Gaillardia aristata*,** plant, composition, anthocyanins 7096
***Gaillardia grandiflora*,** planting stock, storage 7944
***Gaillardia picta*,** plant, composition 9136
Galactomannans, metabolism, germination, *Trigonella foenum-graecum* 1256
***Galanthus*,** bulbs, production, cultural methods 9843
Galinsoga ciliata
as weeds
chicory 7730
Scorzonera 7743
***Galinsoga parviflora*,** as weeds, *Phaseolus vulgaris* 5265
***Galium*,** plant, composition, iridoids 9177
Galium aparine
as weeds
lawns and turf 2632
Mentha piperita 5545
***Galium odoratum*,** plant, composition, coumarins 2759
Gallium, composition, coconuts 2908
Gambia
woody plants
cultural methods 6598
edible species, books 6598
Ganoderma lucidum
coconuts 4732
composition 9178
peaches 108
Garcinia (*see also* Mangosteens)
Gardenia jasminoides
fruits, composition 9179
growth regulators, reviews, China 3465
tissue culture
biochemistry 9106
propagation, micropropagation 8105
***Gardenia lutea*,** plant, composition 4566
***Gardenia tahitensis*,** plant, composition, volatile compounds 516
Garlic
bulbs
composition 3651, 9612
Garlic *cont.*
bulbs *cont.*
development
environment 5174
physiology 7698
dormancy, physiology 7698
flavours, gamma radiation 7700
treatment 5170, 7700
cloves
composition 1664
development
physiology 9611
planting 1662
cultivars
assessment, USSR 4144, 8737
characteristics
Brazil 2354
Hungary 2353
storage 7695
cultural methods
Italy 8736
mechanization 936
diseases
Alternaria porri 6859
garlic mosaic virus 6860, 8740
Penicillium viridicatum 214
flowers, development, tissue culture 5175
frost, resistance, surveys 5957
growth regulators
daminozide, responses 3272
ethephon, responses 3272
handling, techniques 6674
herbicides, injuries 3271, 5171
irrigation, water, salinity 4145
mulching
materials 5963
responses 5963
nutrition 5172
nitrogen 5174, 6858, 7696-7697
pests
Aceria tulipae 6860
Ditylenchus dipsaci 2356, 5964
plant
composition 543, 1146, 8148
essential oils 7699
lipids 6862
sulphides 5437
volatile compounds 215
development, temperature 7696
plant extracts, application, ornamental plants 5437
planting
mechanical methods 5168
seasons 1662, 3268, 3270, 5169
spacing 3269-3270, 6858
planting stock
production
economics 2355
techniques 2355, 8740
size 3268
production
Indonesia 8735
Italy 8736
reports
Brazil 2121
India 6613-6614
UK 4826
roots, cytology 4238
rotations 8735
salinity, responses 5173
storage
cultivars 7695
quality
gamma radiation 6861
growth regulators 935
tissue culture
culture media 5175
cytology 1663
organogenesis 5175
propagation
meristems 8740
techniques 3267
weed control 213, 3271, 5963, 8738-8739
yields, correlation 7697
Garlic mosaic virus, garlic 6860, 8740
***Garnieria spathulaefolia*,** plant, composition, lactones 3686
***Garrya elliptica*,** planting stock, production, techniques 6313

Garuga pinnata, plant, composition, phenolic compounds 1328
Gases
diffusion, measurement, apples 1594
translocation
Citrus 3758
Rhododendron ponticum 4447
Gasteria
plant, vascular system 9872
pollen, ultrastructure 2660
Gastrochilus, taxonomy, nomenclature 464
Gastrodia elata, pollination, research 3569
Gazania, landscaping, slopes 7085
Geigeria aspera, tissue culture, propagation, techniques 4567
Genipa americana, fruits, characteristics 10225
Genista compacta, plant, composition, glycosides 6404
Genista pilosa, cultivars, characteristics, Canada 8970
Gentiana, plant, composition, glycosides 1329
Gentiana asclepiadea, cut flowers, production, cultural methods 1788
Gentiana lactea, plant, composition, glycosides 579
Gentiana lutea
plant
composition
glycosides 9144
iridoids 527, 5605
Gentiana scabra, seeds, germination 7128
Gentiana schistocalyx, plant, composition, glycosides 9144
Gentianaceae, plant, composition, glycosides 9144
Gentianella caucasica, plant, composition, glycosides 9144
Geotrichum candidum
Citrus 6489
Litchi 3771
Geotropism
onions 9618
peas 5299
Pharbitis nil 1773
Phaseolus vulgaris 299, 1025, 5276
Plectranthus fruticosus 9000
tomatoes 5346
Geranium (*see also Pelargonium*)
cultural methods, pot plants 6173
Geranium carolinianum, as weeds, strawberries 5097
Geranium dalmaticum* × *Geranium macrorrhizum, cultivars, assessment, German Federal Republic 9787
Geranium lucidum, plant, composition 9962
Geranium macrorrhizum
mulching
materials 2678
responses 2678
plant, composition, essential oils 2737
Geranium nepalense, plant, composition 1290
Geranium renardii
mulching
materials 2678
responses 2678
Geranium thunbergii, plant, composition, tannins 555-556
Geranium viscossisimum, plant, composition 2752
Gerbera
breeding, genetic variance 7111
cultivars
anatomy 7931
assessment
German Federal Republic 5393
Netherlands 9803
characteristics, German Federal Republic 1123, 7112
cut flowers 7931, 9804
protected cultivation 1770, 9804
vase life 1124
cultural methods, pot plants 419
cut flowers
breeding 7929
handling 6184
harvesting 6184
preservatives 6186, 7933

Gerbera *cont.*
cut flowers *cont.*
production
cultural methods 1770
protected cultivation 414, 1123-1124, 1771, 2341, 6176, 7114-7115, 7930, 9804-9805
vase life 6209, 7929, 8094
water relations 7931
diseases
Bremia lactucae 4353
Phytophthora cryptogea 5394
flowers, development, genetics 7111
mutants, induction, X radiation 1769
nutrients, requirements, analysis 4352
nutrition 1772
pests
Limacidae 7116
Liriomyza trifolii 6208
Spodoptera littoralis 8981
Thrips 8972
Trialeurodes vaporariorum 4354
planting stock
production
techniques 6207
tissue culture 7092
protected cultivation
cultivars 5393
diseases 4353
light 6851
pests 6208
salinity, responses 414
seedlings, production, cultural methods 7112
tissue culture
propagation
micropropagation 3494-3495
techniques 1769, 7113
Gerbera jamesonii
cut flowers
preservatives 7932
storage 7932
plant, composition, anthocyanins 7096
seedlings, production, cultural methods 2590, 5806
seeds, production, cultural methods 2590
tissue culture
responses
carbon dioxide 4355
ethylene 4355
German Democratic Republic
apples, cultivars 3087
cucumbers, cultivars 5233
Freesia, cultivars 5435
hops, cultivars 4520
horticulture, history, books 3867
peas, cultivars 8875
plums, cultivars 8568
tomatoes, cultivars 6111
German Federal Republic
Achimenes, cultivars 7152
apples
cultivars 7508
cultural methods 4889
carrots, cultivars 6148
cherries
cultivars 3986, 8563
rootstocks 1598-1599, 8566
cucumbers, cultivars 8818
Cyclamen, cultivars 7135
endives, cultivars 9642
Gerbera, cultivars 1123, 5393, 7112
Gladiolus, cultivars 1806
grapes, cultural methods 5108
greenhouse crops, economics 7484, 7688
hops, cultivars 4518
horticulture, history, books 3867
Impatiens, cultivars 5417
Impatiens walleriana, cultivars 3509
Kalanchoe, cultivars 7085
ornamental plants, cultivars 9787
parsnips
cultivars, assessment 7068
cultural methods 7068
plums
cultivars 8614-8615, 9522
rootstocks 128
poinsettias, cultivars 7135

German Federal Republic *cont.*
roses, cultivars 9902
Sinningia, cultivars 7152
strawberries, cultivars 9554
Streptocarpus, cultivars 1793, 7152
Vaccinium macrocarpon, cultivars 7610
Geum japonicum, plant, composition, tannins 556
Geum urbanum, trichomes 6181
Ghana
Butyrospermum parkii, production 4603
coffee, cultural methods 10135
Gherkins (*see* Cucumbers)
Gibberella baccata, Citrus 7345
Gibberella fujikuroi, Asparagus 5303
Gibberella pulicaris, hops 7249-7250
Gibberella stilboides, coffee 682
Gibsoniothamnus, taxonomy, morphology 1210
Gigaspora gregaria, mycorrhizas, *Eremochloa ophiuroides* 2638
Gigaspora heterogama, mycorrhizas, aubergines 7003
Gigaspora margarita
mycorrhizas
aubergines 7003
cocoa 9261
onions 7708
pears 9505
Ginger (*see Zingiber officinale*)
Ginkgo biloba
leaves, composition 5521, 9921
plant, composition, glycosides 4465
Gitona, control, of *Maconellicoccus hirsutus*, grapes 184
Gladiolus
breeding 4382
combining ability 4381
corms
development
nutrition 3520
physiology 9829
dormancy
biochemistry 7976
physiology 7977
production, cultural methods 1151, 2615
treatment 5437-5438, 7140
growth regulators 7971
cultivars
assessment
Brazil 6237
Canary Islands 7969
German Federal Republic 1806
Spain 7970
characteristics, USA 7138
cut flowers 1145, 9831
diseases 1150, 9013
propagation 1151
cut flowers
production
Canary Islands 7969
cultural methods 1145, 2615, 5436, 9830
protected cultivation 437, 7141, 7973, 7975, 9831
senescence 7906, 7986
diseases
Curvularia trifolii f.sp. *gladioli* 4383, 9013
Fusarium oxysporum 1150
Fusarium oxysporum f.sp. *gladioli* 4384
Sclerotinia draytonii 438
Uromyces transversalis 9014
flowers
development
gamma radiation 3521
growth regulators 3521, 5438
nutrition 3520
forcing 7140
herbicides, injuries 5436
nutrition
nitrogen 3520
phosphorus 3520
potassium 3520
pests, *Thrips tabaci* 2616
plant
composition
growth regulators 1152

Gladiolus *cont.*
plant *cont.*
composition *cont.*
phenolic compounds 9785
development, growth regulators 5438
planting, depth 6237, 7139
pollution, fluorine 7150
protected cultivation, cultural methods 437
reports
India 3022
Netherlands 14
roots, development 7139
weed control 5436, 9012
Gladiolus gandavensis, plant, composition, proteins 40
Gladiolus grandiflora, cut flowers 7978
Gladiolus* × *Homoglossum, tissue culture, propagation, techniques 7972
Gladiolus illyricus, plant, development, phenology 7093
Gladiolus nanus, corms, storage, temperature 7974
Gladiolus natalensis
cut flowers
handling 4385
physiology 4385
flowers, development, biochemistry 3522
handling, techniques 4385
Gladiolus tubergenii, corms, storage, temperature 7974
Glaucium, plant, composition, alkaloids 9145
Glaucium flavum, plant, composition, alkaloids 580-581
Glechoma hederacea, as weeds, currants 137
Gleditsia triacanthos, products, fuels 7445
Gliocladium roseum
apples 8501
control, of *Phomopsis sclerotioides,* cucumbers 7781
Gliocladium virens, control, of *Rhizoctonia solani,* radishes 985
Gliricidia maculata
utilization
shade plants
cocoa 6528
coffee 10135
Globe artichokes
conferences 2113
diseases
Botrytis cinerea 5983
fungi 6893
Verticillium dahliae, reviews 6892
flowers
initiation 6895
temperature 953
frost, injuries, surveys 5957
fungicides, residues 6894
grading, techniques 2352
growth regulators, GA, responses 7728
herbicides, injuries 7727
pests, *Tetranychus cinnabarinus* 4302
plant
composition
anthocyanins 7096
phenolic compounds 1689, 4158
plant extracts, utilization, cheesemaking 4006
tissue culture
propagation
micropropagation 3308
techniques 6891
weed control 7727
Gloeodes pomigena, apples 8531
Gloeosporium, apples 3106, 9437
Gloeosporium limetticolum, limes 6472
Glomerella, persimmons 8363
Glomerella cingulata
Camellia 9066
cashews 4708
Citrus 7309
coffee 682, 3804
grapefruits 1412
grapes 3223
mangoes 6545, 9271, 10162, 10174
onions 7709
Piper betle 4579

Glomerella cingulata *cont.*
Ranunculus 5451
Glomerella tucumanensis, sugarcane 715, 5771
Glomus
mycorrhizas
horticultural crops 6705
leeks 217
onions 7708
Glomus caledonium, mycorrhizas, onions 7708
Glomus citricolum, mycorrhizas, *Citrus* 8330
Glomus claroideum, mycorrhizas, *Phaseolus* 6044
Glomus clarum
mycorrhizas
Eremochloa ophiuroides 2638
onions 7708
Paspalum notatum 2638
Glomus deserticola
mycorrhizas
Citrus 9226
roses 8079
Glomus epigaeum
mycorrhizas
horticultural crops 6705
onions 7708
peas 1040
Phaseolus 6044
Glomus etunicatum
mycorrhizas
Cornus florida 9102
peas 1040
Phaseolus 6044
Glomus fasciculatum
mycorrhizas
Cassia tora 7269
chrysanthemums 1118
onions 7707
Phaseolus 6044
Vicia faba 304
Glomus intraradices
mycorrhizas
Arachniodes adiantiformis 6268
citranges 9227
Citrus 2854, 3747
Cornus florida 9102
roses 8079
sour oranges 2855
Glomus leptotichum, mycorrhizas, aubergines 7003
Glomus macrocarpus
mycorrhizas
aubergines 7003
Eremochloa ophiuroides 2638
onions 7708
Phaseolus 6044
Glomus monosporum
mycorrhizas
horticultural crops 6705
Phaseolus 6044
Glomus mosseae
mycorrhizas
dates 9243
Eremochloa ophiuroides 2638
onions 7708, 8755
Paspalum notatum 2638
peas 1040
Phaseolus 6044
Glomus pellucida, mycorrhizas, *Paspalum notatum* 2638
Glomus tenue, mycorrhizas, *Cassia tora* 7269
Glomus versiforme, mycorrhizas, *Asparagus* 2497
Gloriosa rothschildiana
cut flowers
production
cultural methods 4404
protected cultivation 7997
tubers, production, cultural methods 4404
Glossonema edule, plant, composition 8158
Gloxinia sylvatica, cultural methods, pot plants 1242, 3502
Gloxinias (*see Sinningia*)
Glucosinolates
composition
Descurainia sophia 5596
Lobularia maritima 5596

Glucosinolates *cont.*
metabolism
biochemistry, *Descurainia sophia* 1960
storage, cabbages 2401, 2404
Glycerides
determination
Caloncoba echinata 1942
Hydnocarpus anthelmintica 1942
olives 2066
metabolism, growth regulators, *Citrullus vulgaris* 1713
Glycosides
biosynthesis
Convallaria majalis 6249
Cycas revoluta 3560
Digitalis lanata 3679
characterization
Acacia leucophloea 9971
Acer nikoense 9096
Aloe ferox 9978
Argylia radiata 4543
Astragalus trigonus 1302
Beesia calthaefolia 7265
Bupleurum chinense 8192
Bupleurum kunmingense 8194
Bupleurum rotundifolium 1941, 6370
Cactaceae 9036
Cassia occidentalis 3673
Cinnamomum aromaticum 7272-7273
Cinnamomum obtusifolium 7272
Citrus junos 1431
Crotalaria verrucosa 1956
Cucurbita pepo 1009
Cynanchum wilfordii 9168
Dianthus 3480
Eryngium campestre 4564
Eucommia ulmoides 7281
Fibraurea tinctoria 5603
Fortunella japonica 2061
Genista compacta 6404
Ginkgo biloba 4465
Glycyrrhiza glabra 8242
Helenium donianum 8247
Helleborus odorus 8249
Ipomoea dichroa 5611
lemons 1430
Leucas linifolia 4572
Liabum candidum 10010
Morus lhou 10016
Parinari 2103
Passiflora quadrangularis 2894
Penstemon pinifolius 10021
Peucedanum decursivum 8269
Picrorhiza kurroa 1351
Polygala chamaebuxus 5624
Polygala pruinosa 1990
Pteris 2664
Pueraria lobata 2803
red currants 5902
Rhodiola rosea 6424
Sambucus ebulus 5630, 10030
Saponaria officinalis 3480
Silphium perfoliatum 6431, 8293
Solidago virgaurea 2806
spinach 2375
Streblus asper 1368
Swertia japonica 1369
Thalictrum aquilegifolium 1373, 7303
Thalictrum foetidum 8302
Trillium tschonoskii 3543
Triumfetta rhomboidea 4595
Verbena officinalis 6445
composition
Abelia 488
Agave cantala 7260
Aloe 8032-8033
Aloe elgonica 8034
Aloe perryi 5582
Anthyllis onobrychioides 1297
Argylia radiata 8181
Astragalus 8188
Astragalus dasyanthus 4545
Astragalus glycyphyllos 7262
Atylosia scarabaeoides 1303
Baccharis coridifolia 3668
Barleria lupulina 6369
Blechnum minus 7253

Glycosides *cont.*
composition *cont.*
Brucea javanica 4550
Buddleja 1307
Buddleja davidii 3598
Cakile maritima 5588
Calamintha nepeta 5589
Calophyllum inophyllum 9155
Camellia chrysantha 2681
carrots 2554
Cassia sophera 1944
Catha edulis 6453
Centaurea phyllocephala 8206
Chamaerops humilis 6273
Cistanche salsa 1952
Citrus sudachi 2062
Clerodendrum inerme 7274
Crotalaria latebrosa 1316
Cynanchum wilfordii 1317
Davallia divaricata 2657
Digitalis ciliata 6391
Digitalis purpurea 6392
Diospyros discolor 4679
Dregea volubilis 1321
Eryngium planum 574
Erythroxylum novogranatense 6394
Eucommia ulmoides 1885
Flueggea microcarpa 1970
Gentiana lutea 5605
Gentianaceae 9144
grapes 4132
Gypsophila struthium 5648
Haplophyllum versicolor 6406
Harpagophytum procumbens 1332-1333
Heterotheca camporum 10046
Hydrangea macrophylla 481
Ilex cornuta 4569
Ipomoea bahiensis 6409
Ipomopsis aggregata 3668
Isoplexis chalcantha 3687
Lamiastrum galeobdolon 9186
Lamium amplexicaule 7289
Launaea asplenifolia 6411
Melia azedarach 6317-6318
Mitrephora heyneana 8275
Nephrolepis auriculata 2657
Nephrolepis biserrata 2657
Nigella sativa 4369
olives 5727
oranges 6497, 9242
Perilla frutescens 525
Phlojodicarpus 8270
Polyalthia 8275
Polygonatum stenophyllum 1355
Psoralea 6422
Pueraria mirifica 8277
Pyrola 9001
Rhinanthus angustifolius 5628
Rhodiola 3706
Salsola kali 4616
Samanea saman 3708
Sapindus mukorossi 5631
Senecio aureus 10031
Sophora flavescens 7300
Stachys sieboldii 4344
Stevia rebaudiana 614, 2035, 9218
Streblus asper 3713, 5636
Strychnos variabilis 3714
Swertia japonica 7301, 9202
Tetrapleura tetraptera 2008
Teucrium polium 8301
Thalictrum foetidum 6437
Thevetia peruviana 3610
Trachycarpus wagnerianus 6273
Vaccinium 5909
Vicia faba 6062
Vicoa indica 9206
Vitex agnus-castus 4470
determination
Combretum micranthum 573
Coutoubea spicata 579
Cucurbita pepo 4204
Digitalis lanata 9173
Gentiana 1329
Gentiana lactea 579
Glycyrrhiza glabra 8244
Gypsophila bicolor 9180
Panax pseudoginseng 6416
Rheum officinale 7297
Solidago virgaurea 9199

Glycosides *cont.*
determination *cont.*
Stevia rebaudiana 3731, 4618
Trigonella foenum-graecum 2011
metabolism
diurnal variation, *Hypericum perforatum* 2791
environment, *Hypericum perforatum* 2791
fruiting, grapes 4133
growth regulators, *Adonis annua* 7259
ripening, grapes 5152
rootstock scion relationships
pears 5030
quinces 5030
seasonal variation, *Polygonatum stenophyllum* 5625
storage, melons 8848
tissue culture
Gardenia jasminoides 9106
Lithospermum erythrorhizon 8259
Rehmannia glutinosa 8281
production
cultural methods, *Digitalis lanata* 5597
tissue culture
Saponaria officinalis 1361
Strophanthus 9200
taxonomy, *Bersama abyssinica* 3670
Glycyrrhiza echinata, tissue culture, metabolites, production 8241
Glycyrrhiza glabra
plant
composition 8244
flavonoids 8243
glycosides 8242
saponins 5606
roots, composition 8841
Glycyrrhiza uralensis
cuttings, rooting, size 1330
tissue culture, metabolites, production 1971
Gmelina hainanensis, cuttings 1848
Gnaphalium indicum, plant, composition 9962
Gnetum africanum, leaves, development, physiology 5364
Gnomonia, apricots 4958
Gnomonia leptostyla, walnuts 2266, 8623
Gnomonia ulmea, Ulmus parvifolia 7225
Gomphrena, plant, composition 5576
Gomphrena globosa
diseases, *Gomphrena* mosaic virus 548
tissue culture, biochemistry 3507
***Gomphrena* mosaic virus,** *Gomphrena globosa* 548
Gonatobotrys simplex, grapes 2317
Goniozus, control, of *Eldana saccharina,* sugarcane 3843
Goniozus nephantidis
control
of *Opisina arenosella*
bananas 673
coconuts 673
Gonipterus scutellatus, Eucalyptus 2712
Goodyera repens, chromosomes 3565
Gooseberries
cultivars
assessment, USSR 6787
characteristics, USSR 7600
history, USSR 131
pollination 4058, 7599
propagation 2278
yields 7599
cultural methods, Belgium 3188
cuttings, cultural methods 8633
economics, Czechoslovakia 3921
fruits
composition 870
development, histology 9386
harvesting, techniques, mechanical harvesting 3195
insecticides, determination 38
plant, development 3011
planting stock, production, tissue culture 2278
pruning, systems, assessment 3195
reports
Canada 9313

Gooseberries *cont.*
reports *cont.*
Netherlands 6616
UK 4825
tissue culture, propagation, micropropagation 2278
yields, correlation 7599
Gortyna xanthenes, globe artichokes 2113
Goryphus, control, of *Conopomorpha cramerella,* cocoa 7401
Grading
equipment
fruit crops 6676
tomatoes 391, 1091
techniques
apples 830, 4952, 6729
cut flowers 7904
foliage plants 7904
fruit crops 774, 1554
grapes 5156
nectarines 5026
oranges 8946, 9241
peaches 5026, 8601
plums 866
pot plants 7904
tomatoes 392, 6145, 7875, 8946
vegetables 774, 1554
reviews 2352
Grafting (*see also* Budding; Topworking)
cultural methods, apples 8512
height
apples 6696, 9404
oranges 1397
rootstocks, treatment, walnuts 4048
scions
sources, *Pouteria sapota* 3860
storage, grapes 903
treatment
Macadamia 2886
rubber 2950
walnuts 4048
seasons, walnuts 1622
techniques
assessment
Annona muricata 3776
Annona reticulata 6514
apples 1565, 2168
Astrophytum myriostigma 7169
avocados 2830
Betula nana 1850
cashews 4690-4691, 4693, 4696-4700
Eugenia uvalha 6589
Euonymus fortunei 1850
grapes 905
Juniperus 477
Macadamia 2886, 3772, 6503
mangoes 3812
oranges 1397
passion fruits 6508
pears 2251
pistachios 5064
Pouteria sapota 7446
Prunus triloba 1850
Quercus 8113
roses 5500
rubber 7418
Salix repens 1850
woody plants 6285
bench grafts
apples 7517
feijoas 7366
grapes 903-904, 5121
pears 852
walnuts 4048
micropropagation
Camellia 6288
Citrus 3740, 6465
grapefruits 4632
stone fruits 6465
woody plants 5807
seedlings
Camellia japonica 4440
Daphne 9919
unions
diseases, *Rhododendron catawbiense* 1866
histology, apples 2168, 4896
treatment
Acer negundo 1879
grapes 904

Grafting *cont.*
unions *cont.*
treatment *cont.*
walnuts 3184
ultrastructure, *Lophophora williamsii* 8041
Gramineae, as weeds, cucumbers 8826
Grapefruits
cold, resistance, physiology 3760
cultivars
assessment 5663
Pakistan 1395
biochemistry 6492
characteristics, USA 4626, 7321
diseases 4626
growth 4635
nutrition 3746
temperature 3741
diseases
Citrus greening 9232
Citrus tristeza virus 9231
Glomerella cingulata 1412
Mycosphaerella citri 4647, 6475
viruses 1411
disorders, rind pitting 8344
flowers, composition 7356-7357
frost
injuries 1427
resistance
cultivars 3741
physiology 2042
responses 4636-4637
fruits
abscission, biochemistry 4657
biochemistry, temperature 10094
colour, temperature 10094
composition 4668
flavours, biochemistry 5715
mechanical properties
assessment 3761
packing 2881
quality, rootstock scion relationships 4631
growth regulators
ABA, determination 9324
GA, absorption 1416
IAA, determination 9324
hybrids, characteristics, USSR 8324
irregular bearing, cultivars 6485
irrigation
economics 5678
responses 1404, 4640, 5678, 10071
systems 4640, 5678
leaves
composition 6496
cytology 4833
physiology 2870
spectral data 2126
nutrition
iron 4636
manganese 4636
nitrogen 4636
zinc 4636
packing
materials 4666
techniques 2881
pests
Anastrepha suspensa 5711
control, Israel 2053
Pachnaeus litus 633
Polyphagotarsonemus latus 5695
Scirtothrips citri 4652
photosynthesis, water relations 2870
plant
composition
copper 7357
essential oils 2734
iron 7357
manganese 7357
nitrogen 7356
phosphorus 7356
potassium 7356
zinc 7357
plant residues, composition 5716
planting stock, production, containers 4635
pollination
compatibility 10086
pollinators, Apoidea 4654
products, essential oils 5716
reports, Australia 4817

Grapefruits *cont.*
respiration, temperature 3760
roots
development
irrigation 5678
soil water 10071
rootstock scion relationships
biochemistry 4631, 4657
diseases 9231
growth 3738
yields 4631
seedlings, production, pests 633
seeds, storage, systems 3736
storage
disorders 8344
pests 5711
physiology 3758, 3760
quality, injuries 1427
wraps 4666
tissue culture, propagation, techniques 4632
Grapes
budding, techniques 5926, 6821
buds
development
growth regulators 6826
pruning 7672
dormancy
biochemistry 9596
physiology 8713
fruiting potential 5949
chimaeras 7658
climate
microclimate 911, 1641, 9590
requirements 4101, 4112
cold, resistance, cultivars 6820
conferences 3876
cover crops, responses 8699, 8701
cultivars
assessment
Czechoslovakia 5119
France 4088
Hungary 6818
India 5118
Italy 897, 5922
New Zealand 3213
Romania 3220
Switzerland 8691-8692
Turkey 3214
USA 3217, 6820
USSR 3219, 4094, 6819
biochemistry 1639, 1653, 3215-3216, 4097, 5117, 6846, 7684, 8689, 9566
characteristics 156, 3222-3224
Brazil 7662
China 1636
France 4096, 5120, 8694
Hungary 20, 4099, 9568
Israel 8693
Italy 155, 157, 776, 898, 7663
Japan 8694
Portugal 2305, 4095
Romania 899, 4098, 7659
USA 4092-4093, 5923-5924, 7660-7661
USSR 3221
clones 4097, 5149, 5922
cytology 7658
dessert cultivars 4088, 5120
diseases 156, 1653, 2325, 3223, 4096, 5120, 7658-7660, 8710, 9564-9565
disorders 182
environment 911, 4101
flowering 191, 9597
growth 8689
growth regulators 4130
harvesting date 2328
histology 7658
identification 5149
irrigation 173, 912
mechanical harvesting 154
mechanical properties 8716
morphology 152, 2325
nutrition 153, 4118, 5140, 6827
pests 6844, 7660
phenology 5115
physiology 7679-7680
pollination 9597
pollution 6823

Grapes *cont.*
cultivars *cont.*
processing 3216, 3219, 6819
propagation 162, 3229, 7666-7667
pruning 915, 3237, 4118, 7673
salinity 4122
storage 1638, 4135
taxonomy 152
temperature 4102-4103, 5116, 5920, 7679, 9567, 9593
training 4096, 8704
water relations 4104, 5921
wind 4104
wine cultivars 154-155, 157, 899, 3218, 4094, 5102-5114, 5118, 6818, 8694
France 8690
winter hardiness 4877
yields 8689
cultural methods
Argentina 5102
Australia 5103
Austria 5104, 8698
books 6591
Bulgaria 5105
China 1636, 8704
Czechoslovakia 5106
France 5107
German Federal Republic 5108
Greece 5109
Italy 1637, 5110
Korea Republic 5919
mechanization 163, 1637, 4089, 5932, 9573-9574
reviews 3233
Portugal 5111
slopes 915, 2309, 4089, 9571
Spain 5112
Tunisia 5113
USA 4093, 5114
cuttings
cultural methods 8695
micropropagation 909, 1640
rooting, histology 902
treatment
growth regulators 901, 3225-3226
waxes 3226
types, summer cuttings 9569
defoliation, growth regulators 174, 194
diseases
Agrobacterium tumefaciens 6841
biological control, reviews 2315
Botrytis 3231
Botrytis cinerea 156, 920, 1653, 2325, 3244, 4096, 5120, 5927, 5936-5939, 5954, 6841, 7674, 8690, 8709-8710, 8717
bunch rot 2317
control
Brazil 34
France 3243
Italy 5935
Romania 6838
Eutypa armeniacae 6841
fungi 6839
Glomerella cingulata 3223
grapevine fanleaf virus 9601
grapevine leaf roll virus 9583-9584
peach rosette mosaic virus 9564
Penicillium canescens 199
Phoma flaccida 156
Phomopsis viticola 4096
Phytophthora cinnamomi 5141
Pierce's disease 6840, 7675
Plasmopara viticola 156, 4096, 5120, 6661
Rosellinia necatrix 3925
stem pitting 9565, 9601-9602
Uncinula necator 156, 3245-3246, 4096, 4123-4124, 5120, 6841
disorders
berry drop 5155
chlorosis 181, 5140, 9570
coulure 9580
leaf reddening 2316
stalk necrosis 180, 182, 9581-9582
dormancy
ammonium nitrate 2323
biochemistry 9596
cyanamide 2323, 9595

Grapes *cont.*
- dormancy *cont.*
  - growth regulators 189
  - physiology 7680
  - potassium nitrate 189
  - temperature 9595
- drought
  - resistance, rootstocks 3227
  - responses 2321
- flowers
  - development
    - cultivars 191, 9597
    - growth regulators, reviews 9598
    - histology 9588
    - nutrition 3251
    - physiology 3250
  - drop
    - growth regulators 4134
    - nutrition 179
- frost
  - injuries 165, 9377
    - surveys 5808
  - resistance
    - cultivars 3219, 4102-4103, 5116, 5920, 9567
    - cultural methods 164, 910, 4102-4103
    - nutrition 8486
    - physiology 164, 1642-1643, 5944
    - pruning 5944
    - seasonal variation 1643
    - tests 1642
- fruits
  - anatomy 3253
  - aroma, biochemistry 4136, 6848
  - biochemistry
    - cultural methods 8689
    - environment 7683, 8689
    - growth regulators 5150
    - irrigation 2331
    - light 4110, 7668
    - nutrition 2314, 2329, 4117, 6849
    - pruning 916
    - reviews 9603
    - thinning 8714
    - training 4113-4114, 5933
  - browning 8715
    - cultivars 3215
  - colour, growth regulators 174, 5150
  - composition 8719, 9566
  - cracking
    - cultivars 8716
    - environment 8716
  - development
    - biochemistry 186, 2330, 4133, 5152, 5160
    - environment 4111
    - growth regulators 4130, 4137, 5951-5952, 7681-7682, 9600
    - histology 7681
    - irrigation 2332
    - light 193
    - nutrition 3251
    - parthenocarpy 7682
    - pruning 3237, 5949, 7673, 9600
    - ringing 5952
    - temperature 5947, 9567
    - thinning 5950
    - water relations 187, 5146
  - drop
    - growth regulators 924, 4134
    - storage 5155
    - thinning 5950
  - flavours
    - biochemistry 2326
    - fungicides 1654
  - loosening, growth regulators 174
  - maturity, assessment 5156
  - mechanical properties, growth regulators 4137, 8716
  - quality
    - irrigation 8699
    - nutrition 8699
    - pruning 8702
    - yields 197-198
  - ripening
    - biochemistry 2326, 2333, 5151, 5159, 5953, 6846
    - growth regulators 1650, 2326
    - light 911, 7668

Grapes *cont.*
- fruits *cont.*
  - ripening *cont.*
    - morphology 2325
    - physiology 923
    - rootstock scion relationships 911
    - temperature 911, 5947
  - set, growth regulators, reviews 9598
  - size, growth regulators 6845, 9578
  - thinning, responses 5950, 8714
- fungicides
  - application 9587
  - disease resistance 5937
  - residues 7677
  - responses 1654
- grading, techniques 5156
- grafting
  - scions, storage 903
  - techniques
    - assessment 905
    - bench grafts 903-904, 5121
  - unions, treatment 904
- growth regulators
  - ABA, responses 2326, 7675, 7681
  - aminoethoxyvinylglycine, responses 4134
  - auxins, responses 7681
  - BA, responses 9589, 9599
  - calcium acetate, responses 1650
  - chlorflurecol, responses 9576
  - chlormequat, responses 4137
  - chloropyridylphenylurea, responses 6845
  - conferences 8489
  - cytokinins, responses 7681
  - daminozide, responses 4115, 9592, 9600
  - dimethipin, responses 194
  - ethephon, responses 174, 1650, 2320, 4115, 5150, 5951, 7675
  - GA, responses 178, 4130, 4137, 5155, 7682, 8708, 8716, 9589, 9592, 9599
  - gibberellins, responses 7681
  - IAA
    - composition 4134
    - responses 7675
  - kinetin, responses 7675
  - NAA, responses 924, 9577
  - nitrostyrenes, responses 5155
  - paclobutrazol
    - application 6826
    - responses 6826
- hail, injuries 8697
- handling, techniques 5153
- harvesting
  - defoliation 194-195
  - harvesting date, forecasting 2328
  - techniques, mechanical harvesting 154, 196, 1651-1652
  - work studies 6847
- heat
  - resistance
    - growth regulators 9599
    - physiology 5945-5947, 7679
- herbicides
  - application 3234
  - injuries 6824, 7671
  - responses 8701
- insecticides, determination 2142
- irrigation
  - fertilizers, application 5133, 7464
  - pesticides, application 5133
  - responses 173, 910, 912-913, 1644, 2331-2332, 3235-3236, 5126, 5128-5130, 5132, 5928, 8699, 8708, 9572
  - systems 912-913, 4109, 5129-5132, 8700, 9572
  - water, salinity 919
- leaves
  - abnormalities 7678
  - development
    - assessment 7678
    - biochemistry 765, 4133
    - growth regulators 4130
    - histology 5145
    - pruning 7673
  - senescence 2324, 3248
- mulching
  - materials 8701

Grapes *cont.*
- mulching *cont.*
  - responses 2309, 8701, 9575
- mycorrhizas 2311, 5139
- nurseries, cultural methods 3230
- nutrients
  - absorption, conferences 8488
  - requirements
    - analysis 177, 4116, 5137, 6778, 6828-6829, 6836, 7501
    - assessment 5138
- nutrition 6829
  - boron 178-179, 1649, 2313, 3240, 3251, 4120, 4883, 5934, 6654, 6837
  - calcium 2316, 4119, 6827, 6836, 8496
  - cobalt 3240
  - copper 918
  - green manures 8698
  - iron 178, 3242, 5140
    - reviews 3241
  - magnesium 175, 178, 2316, 4118, 6827, 6834, 6836, 8496, 9582
  - manganese 3240, 4120
  - manures 2312, 4117, 5730, 6832, 8698
  - molybdenum 3240
  - nitrogen 176, 178, 1648, 2312, 2329-2330, 2333, 4117-4118, 6822, 6825, 6827-6828, 6830-6832, 6836, 6849, 8699, 8708, 9579
  - phosphorus 734, 1648, 2312, 4117-4118, 6822, 6827-6828, 6830, 6833, 6836, 8484, 8708
  - potassium 153, 175-176, 178, 1648, 2312, 4117-4119, 6822, 6827-6828, 6830-6832, 6834-6835, 6849, 8485, 8496, 8708
    - reviews 3239
  - sodium 8496
  - surveys, India 3238
  - trace elements 2314
  - zinc 918, 3240, 4121
- pesticides
  - application 5133, 6839
  - coverage 4863
- pests
  - biological control, reviews 2315
  - *Calepitrimerus vitis* 5143
  - *Colomerus vitis* 6842
  - control
    - conferences 8444
    - France 3243
    - Italy 5935
    - Romania 6838
  - *Cryptoblabes gnidiella* 9585
  - *Eotetranychus carpini* 5941
  - *Eupoecilia ambiguella* 5143, 8711
  - *Lobesia botrana* 3926, 4126, 5942, 6838, 8711-8712, 9585-9586
  - *Maconellicoccus hirsutus* 184
  - *Meloidogyne* 5927
  - *Meloidogyne incognita* 5142
  - *Meloidogyne javanica* 5142
  - Nematoda 183, 4125, 5940
  - *Panonychus ulmi* 2318, 5941, 6838
  - *Peribatodes rhomboidaria* 3247, 6838
  - *Planococcus ficus* 921
  - *Planococcus vitis* 9585
  - *Pseudococcus maritimus* 4127
  - *Tetranychus urticae* 169, 5941, 6838, 9586
  - Tortricidae 3926, 6839
  - *Vitacea polistiformis* 4128
  - *Viteus vitifoliae* 5927, 5935, 6843-6844, 7676
- photosynthesis
  - aspect 4129
  - fruiting 5943
  - measurement 9590
  - physiology 3248
  - temperature 9593
- plant
  - biochemistry
    - cultivars 1639
    - temperature 922
  - composition 6655
    - copper 6626

Grapes *cont.*
plant *cont.*
composition *cont.*
enzymes 190, 5158-5159
glycosides 4132
growth regulators 900, 4134, 8713, 9594
nitrogen 3248
nucleic acids 4131
photosynthates 5945, 9589
sugars 5946
development
light 2322
mathematical models 5147-5148
phenology 5148
water relations 187
sex, physiology 1552
plant residues
utilization
energy sources 46, 95
growing media 358
planting
mechanical methods 163
site preparation 163, 2312
spacing 2307, 5124-5125, 5144, 8706
planting stock
production
containers 8695
techniques 3230, 5121
tissue culture 162, 908, 1640, 4100, 5123, 7666-7667, 9583
storage 3231
pollen
development, cultivars 9597
morphology 5149
storage 192
pollution
fluorine 4105
hydrogen fluoride 6823
ozone 3232
reviews 166
sulphur dioxide 3232
processing
cultivars 3216, 3219, 6819
quality
cultural methods 5157
diseases 1653
environment 5157
light 7668
residues 1106, 5161
production
Brazil 6624
France 4088
Switzerland 165
USA 4090-4092
products
wines 197-198, 916, 1654, 5102-5114, 5126, 7684
conferences 4807
protected cultivation, systems, plastic film 5127
pruning
prunings disposal 46, 358
responses 4111, 4118, 5126, 5944, 5949, 6825, 7672-7673, 8689, 9600
systems
assessment 164, 914-916, 1646, 3237, 5943, 8702-8703, 8706
growth regulators 9576
mechanical methods 915
wound dressings 2226
reports
Argentina 741
Australia 4817, 6607, 6609
Brazil 2121
Cyprus 9316
India 3022, 6614-6615
Israel 7459
Italy 1532
Portugal 7460
Switzerland 15
UK 4825
USA 6623, 9321
Yugoslavia 7462
research
India, reviews 151
New Zealand 3213

Grapes *cont.*
research *cont.*
Sri Lanka 2896
ringing
responses 900, 5952, 9576
techniques 9576
roots
development
assessment 185
irrigation 913
soil 185
spacing 5144
rootstock scion relationships
biochemistry 7665
compatibility 906, 7665
diseases 9602
growth 158, 185
light 911
nutrition 6822
physiology 2321
rootstocks
assessment
Italy 160
Spain 906
biochemistry 9570
characteristics, France 5927
drought 3227
growth regulators 907
nutrition 6827
propagation
cuttings 159, 161, 901, 3225-3226, 5948, 8695
tissue culture 7667
salinity, responses 4122
sap, translocation 7680
seeds
biochemistry, ringing 900
composition 9604
development
growth regulators 9600
pruning 9600
dormancy, cyanamide 9595
germination
physiology 5925
ringing 900
production, harvesting 2327
size, cultivars 152
storage 2306
duration 2327
tissue culture 8715
shoots
anatomy 5135
development
growth regulators 4130
histology 9588
temperature 9594
soil management
equipment 9573
responses 5126
systems 167-168, 910, 2307, 8701
soil sickness 6659
soil types 5110
staking, systems 2310
storage
diseases 199, 5954, 8717-8718
disorders 5155
quality
growth regulators 5154
sulphur dioxide 1638
storage dips, fungicides 5954
systems
cold storage 4135
sulphur dioxide 1638, 3252, 5954
wraps 8717
suckers, control, growth regulators 9577
taxonomy, morphology 152
tissue culture
histology 3249
organogenesis 3250
propagation
embryos 908
meristems 3228
micropropagation 909, 1640, 8696
techniques 162, 3229, 4100, 5122-5123, 7666-7667, 9583

Grapes *cont.*
training
responses 1645, 4110, 4113-4114, 5126, 5132, 5134-5135, 5933, 8689
systems 917, 1645-1647, 2310, 4103, 4110, 4112-4114, 5134-5136, 5932-5933, 7674, 8704-8705, 8707
conferences 739
transpiration, measurement 5129
water relations
growth regulators 2320, 9591
measurement 188, 9590
physiology 187, 2319, 2321
rootstock scion relationships 2321
seasonal variation 1642-1643
training 5933
weed control 167-172, 2308, 3234, 3243, 4106-4108, 5928-5931, 5935, 6824, 7500, 7669-7670
wind, responses 4104
yields
correlation 176
diseases 9601-9602
forecasting 8714, 9457
Grapevine fanleaf virus, grapes 9601
Grapevine leaf roll virus, grapes 9583-9584
Grapevines (*see* Grapes)
Graphocephala coccinea, Rhododendron 3582
Graptopetalum amethystinum, chromosomes 5463
Grass clippings, utilization, mulches, coffee 9268
Grass sward
as cover crops
apples 1573, 2178, 8518
fruit crops 9384
grapes 2307, 8701
Gravel, utilization, mulches, ornamental plants 2678
Greece
grapes, cultural methods 5109
walnuts, cultivars 1621
Green manures
apples 2193, 4911
avocados 7315
black currants 3193
coconuts 2906
grapes 8698
hops 534
strawberries 892, 2298
temperate fruits 2153
Greengages (*see* Plums)
Greenhouse crops
cultural methods, mechanization 5812
economics
German Federal Republic 7484, 7688
UK 2125
frost
injuries 412
surveys 5957
irrigation
equipment 9329
requirements, determination 360
water, sources 4846, 9338
nutrients, requirements, analysis 203
nutrition 4857
potassium 203
pests
Tetranychus urticae 3068, 6662
Thysanoptera 6662
Trialeurodes vaporariorum 6662
photosynthesis, environment 9349-9350, 9352
plant, development, light 1543
pollution, nitrogen oxides 25
protected cultivation
economics 3903
energy conservation 6652
energy requirements 4849
heating systems 4853, 6652
reports
Irish Republic 9317
UK 9320
seedlings, production, equipment 6642
soilless culture, systems, nutrient film techniques 3036
transpiration, measurement 4854

Greenhouses (*see also* Protected cultivation)
air ionization 3421
carbon dioxide, production, equipment 26
cladding 22, 757, 759, 1539-1540, 1542, 1706, 2137, 2418, 2577, 3034-3035, 3038-3039, 3041, 3045-3047, 3051-3057, 3061, 3067, 3904, 4285, 4845, 4849, 5328, 6118, 6638, 6641, 6643, 7483, 7486, 7489, 7750, 7772, 7859, 7861, 7930, 7975, 7984, 8470-8472, 8476, 8478, 8480, 9069, 9344-9345, 9356, 9863, 9869, 9905
climate
control 6637
equipment 760, 1112, 4857-4858, 5814, 6643, 6645-6646, 6649, 6651, 7860, 9348-9350, 9354, 9356-9357, 9361-9367
mathematical models 8477, 8481, 9341, 9343-9347, 9352-9353, 9355, 9358-9360
reviews 4850
microclimate 3065, 7476
conferences 3019, 4810
cooling systems 24, 2135, 3905, 6649, 7488, 9338, 9341-9342
design 24, 29, 761, 929, 1112, 1843, 3037, 3040-3041, 3043-3044, 3048, 3050, 3053, 3060, 3065, 3067, 4851, 4856, 4860, 5814-5815, 6638, 7487, 7861, 9356, 9364-9365
arid regions 3042
economics 2138
energy conservation 36, 758, 2133, 2140, 3037-3038, 3047, 3056, 3062-3064, 3422, 4840, 4847-4848, 4855-4856, 4859-4860, 5328, 5814, 5816, 6120, 7476, 7861, 8471, 8480, 9337-9341, 9351, 9356
reviews 7485
equipment 19, 23, 37, 1843, 3469-3472, 5812, 6642, 6644
heat retention 36, 1539-1540, 3066, 3479, 4840, 4855, 5816, 6641, 7016, 7750, 7772, 8470, 8472, 9340, 9345-9346, 9350-9351, 9353
heating systems 24, 27-29, 749, 755-757, 929, 2134, 2138, 2140, 3032-3033, 3035, 3902, 3905-3906, 4839, 4848, 4852-4853, 4859-4861, 5326, 5813, 5817, 6638, 6647-6648, 7114, 7481, 7484, 7930, 8473, 9335, 9337-9339, 9341, 9347, 9353-9354, 9357, 9359, 9364-9365, 9729, 9869
humidity 1843, 3890, 9336, 9357
light transmission 1540, 1542, 2137, 2139, 2577, 3039, 3047, 3049, 3051-3052, 3055, 3060-3061, 3067, 3422, 6851, 7482, 8476, 8479, 9344
lighting
equipment 6116, 6650, 7899, 8980
systems 5914
orientation 3904
reports, UK 8459
shading 2139, 7477, 9869
soil steaming 8469
soil temperature, mulching 4844
temperature 3058, 9336, 9351
diurnal variation 22
environment 4844
ventilation 3057, 3059, 8474, 9343, 9352-9353, 9355, 9357
wind 9351
windbreaks 761
Gretchena bolliana, *Carya* 9513
Grevillea
cuttings 1243
grafting, techniques, assessment 6285
planting stock
production
containers 1851
Grevillea *cont.*
planting stock *cont.*
production *cont.*
protected cultivation 5372
tissue culture 5372
seeds, composition 8106
tissue culture, propagation, techniques 5372
Grevillea banksii, plant, composition 8106
Grevillea biternata, tissue culture, propagation, techniques 4457
Grevillea johnsonii, cuttings, types, summer cuttings 5522
Grevillea leucopteris, plant, composition 8106
Grevillea petrophiloides, plant, composition 8106
Grevillea speciosa, reports, Australia 6607
Grevillea tripartita, plant, composition 8106
Grewia populifolia, plant, composition 1972
Grifola frondosa
composition 2787, 8963
polysaccharides 6169
Grindelia aphanactis, plant, composition, terpenoids 9141
Grindelia camporum, products, resins 4611
Grindelia integrifolia, cultivars, assessment, USSR 9946
Griselinia littoralis, frost, tolerances 1111
Griselinia lucida, frost, tolerances 1111
Ground cover plants
cultural methods, Poland 7891
landscaping 7087, 7891
responses, apples 8519-8520
Groundnut stunt virus, *Phaseolus vulgaris* 5260
Growing media
aeration
Agaricus bitorquis 2562
Gerbera 419
mushrooms 2562
biochemistry
cucumbers 2420
Lentinus edodes 5369
tomatoes 2420
characteristics, ornamental plants 5370
composition
Agaricus bitorquis 2562
Aglaonema 410
Alstroemeria 7153
Anthurium andreanum 5410-5411
Aphelandra 9042
Astilbe 8994
bedding plants 7095, 7943
Begonia hiemalis 9042
carnations 8975
chrysanthemums 6197
Citrus 1403
conifers 9062
container grown plants 2676, 7091, 8060, 9062
Coprinus comatus 1106
cucumbers 1076, 8841
Euphorbia fulgens 5512
foliage plants 4423, 8029, 9875
fungi 1105
Gerbera 419, 7115
Gladiolus 1151
greenhouse crops 200, 5371
horticultural crops 1544
hyacinths 9016
Iris 1808
Kalanchoe 1194
lawns and turf 3550
Lentinus edodes 1757
lettuces 3315
Liquidambar formosana 1876
mushrooms 2562, 6167, 7888, 8918, 9776
reviews 407, 2561
Orchidaceae 6279-6280
ornamental plants 6653
Pelargonium 6213, 7118
Phaseolus vulgaris 7796
Phlox 8994
pineapples 7414
Pleurotus flabellatus 7082
pot plants 418, 455, 5414, 8971, 9037
Growing media *cont.*
composition *cont.*
Pyracantha 1876
radishes 9667
Rhododendron 6300
Rubus deliciosus 1893
Saxifraga fortunei 5424
tomatoes 358, 361-362, 365-366, 368, 1076, 2526, 4310, 7864, 8029, 8918, 9740-9743
Vaccinium corymbosum 7612
vegetables 4142, 6653, 7095, 8915, 9739
Vigna unguiculata 6980
woody plants 410, 2676, 3590, 8060
conferences 7
microorganisms
mushrooms 7077
radishes 9667
pH, *Vaccinium* 4071
production
Agaricus bitorquis 2562
horticultural crops 1544
mushrooms 408, 2562-2563, 6167
ornamental plants 1822
tomatoes 4310
regeneration
cucumbers 2419-2420, 3423
tomatoes 2420, 3423
temperature
Agaricus bitorquis 2562
cucumbers 5334
mushrooms 2562
tomatoes 5334
water relations
chrysanthemums 6197
conifers 9062
container grown plants 9062
foliage plants 4423, 8029
mushrooms 8959
Pyracantha coccinea 6322
tomatoes 8029
Growth chambers, climate, control, equipment 6633-6634
Growth regulators
ABA
absorption, Jerusalem artichokes 232
composition
Antirrhinum 7912
apples 816
avocados 7317
Capsicum 3397
coconuts 6533
Coleus blumei 1190, 7172
grapes 900, 8713
hazelnuts 3138
melons 9692
pears 6756
Phaseolus vulgaris 7795
Rhododendron 484
Sechium edule 3351
tomatoes 1737
Valerianella locusta 8957
Vicia faba 3367
Zingiber officinale 4490
determination
Citrus 5705
Citrus latifolia 1419
Phaseolus vulgaris 293
plants 9324
metabolism
apples 67, 4935, 9455
avocados 7317
cocoa 670
grapes 9591, 9594
mandarins 10091
peaches 1609
peas 3379
Phaseolus vulgaris 1014, 6052
radishes 7810
tomatoes 9759
Vicia faba 309, 3367, 4240
physiology
apples 6718, 7512, 9395, 9451
cucumbers 2440
Hippophae rhamnoides 7655
olives 10103
tomatoes 2440
responses
Amaryllis vittata 7996

Growth regulators *cont.*
ABA *cont.*
responses *cont.*
aubergines 8905
Capsicum 8898
chrysanthemums 3492
Citrus 6462
cucumbers 2440
Cucurbita pepo 1004
Gladiolus 7139, 7976-7977
Gnetum africanum 5364
grapes 2326, 7675, 7681
Hippophae rhamnoides 7655
horticultural crops 5821
lemons 7353
Ligustrum lucidum 3604
onions 8763
peaches 1609, 3162, 9449
peas 8859
Pharbitis nil 5397, 7934
Phaseolus vulgaris 2468, 7806, 8859
poinsettias 9082
satsumas 5708
Simmondsia chinensis 4602
tomatoes 2440, 7051
Tropaeolum majus 3515
Vicia faba 8870, 8873
translocation
apples 816
Cucurbita pepo 5258
ABT, responses, *Juniperus chinensis* 1854
AC 92803, responses, *Cyclamen* 3518
AC 99524, responses, *Cyclamen* 3518
acetylaminomethylchlorodiethylphenyl acetamide, responses, lawns and turf 1179
acetylsalicylic acid
physiology, pears 5045
responses, tomatoes 7051
adenine
responses
persimmons 5729
Phalaenopsis amabilis 2669
Syringa 8069
tomatoes 3417
adenine sulphate
responses
Canna indica 3505
Cordyline fruticosa 5517
Costus speciosus 1955
Epipremnum pinnatum 5517
Ficus elastica 8039
adenosine phosphates, physiology, reviews 7494
alkaloids
composition, *Crinum* 1315
responses, lettuces 7472
amidochlor, responses, lawns and turf 6257, 9028
aminocyclopropane carboxylic acid
biosynthesis
apples 4946
carnations 7900
cut flowers 8084
Petunia 7900
subtropical fruits 7382
tomatoes 5347
tropical fruits 7382
watercress 7764
composition
cut flowers 7908
pears 9512
determination
apples 7547
tomatoes 383
metabolism
apples 86
carnations 1767, 7919
tomatoes 7049
physiology, ornamental plants 7898
responses
avocados 7316
carnations 7914
pears 9512
Pharbitis nil 5397
rubber 7419
Syringa 8069
tomatoes 7870

Growth regulators *cont.*
aminocyclopropane carboxylic acid *cont.*
translocation
carnations 7900
Petunia 7900
aminoethoxyvinylglycine
responses
apples 5859, 9462
Cucurbita maxima 7787
grapes 4134
lettuces 8784, 9647
Petunia 5404
Pharbitis nil 5397
rubber 7419
aminooxyacetic acid
responses
almonds 9388
apples 6704
carnations 416, 7922
Cucurbita maxima 7787
Macadamia 650
pears 9508
aminophenylethylphosphonic acid, physiology, cabbages 6004
AMP
physiology
Amaranthus caudatus 3329
radishes 3329
responses, tomatoes 3417
ancymidol
application
poinsettias 8070
pot plants 2704
responses
bedding plants 5379
carobs 6459
Chamelaucium uncinatum 9918
chrysanthemums 2586, 6198
Eustoma grandiflorum 7127, 8998
Freesia 7136
Hydrangea macrophylla 7192
lawns and turf 5459
Lilium 3525
Lilium longiflorum 9019, 9021
Pelargonium peltatum 1125
Phaseolus vulgaris 8852
poinsettias 3580, 8070
Rhododendron 1868
Schlumbergera truncata 462
tulips 4400
Vicia faba 8870
ascorbic acid
responses
Coriandrum sativum 5535
tomatoes 3417
auxins
composition
garlic 7698
guavas 8400
radishes 2405
tomatoes 384
determination, plants 5298
metabolism
Anemone coronaria 2610
mandarins 10091
Ranunculus asiaticus 2610
tomatoes 2523
physiology
apples 9452
carnations 7913
horticultural crops 1550
peaches 2248
peas 7820
responses
apples 9460
Canna indica 3505
Capsicum 9731
coffee 2922
cut flowers 7908
grapes 3250, 7681
mangoes 692
oil palms 8369
plants 3896
BA
application
apples 802, 6719
peaches 6719
injuries, apples 6703

Growth regulators *cont.*
BA *cont.*
metabolism
carnations 3481
radishes 986
tomatoes 1741, 3445
physiology
carrots 1747
Sinapis alba 9939
responses
Achimenes 3537-3538
Actinidia chinensis 872
Adonis vernalis 7123
Alstroemeria 3539
Amaryllis vittata 7996
Amelanchier laevis 1232
Anthurium scherzerianum 8993
apples 76, 802, 817-818, 1569, 2170, 2194, 3099, 3934, 3936, 4899, 4927, 5837, 6703-6704, 6719, 9407-9408, 9426
Armoracia rusticana 9116
Artemisia scoparia 9148
Asclepias curassavica 8187
Asparagus 7825
Asparagus racemosus 2767
Bactris gasipaes 6587
bananas 1450-1451, 2072, 3778, 4683, 6517, 9257
Begonia coccinea 1797
Boronia heterophylla 3597
Cactaceae 3556
Calotropis gigantea 4609
Camellia 7186-7187
Capsicum 3397
carnations 416, 3483, 5381-5383, 7098
Castanea mollissima 4974
Catharanthus roseus 8201
cauliflowers 2395
celery 6158
cherries 1600, 2232, 3996, 4967-4968, 4973
chestnuts 9482
chicory 4159, 5984
chrysanthemums 2585, 6196, 7109
Chrysothamnus nauseosus 2025
Cinchona 9163
Cinchona ledgeriana 9990-9991
Citrus 6462, 7322, 9223
cocoa 3789
coffee 10140
Cordyline fruticosa 1191, 2656
Corydalis remota 2779
Costus speciosus 1955
Crataegus pinnatifida 490
cucumbers 5345
Cucurbita pepo 1004, 2438
Cymbidium kanran 2668
Cymbidium sazanami 2670
dates 3762
Dierama latifolium 4403
Digitalis obscura 2783
Dioscorea floribunda 2785
Ericaceae 3581
Euonymus fortunei 1241
Euphorbia lathyris 1384-1385, 4613
Ficus elastica 8039
Fosterella penduliflora 3555
Freesia 7968
Fritillaria pallidiflora 5449
Fuchsia 3506, 4464
Gardenia jasminoides 8105
garlic 3267
Geigeria aspera 4567
Gerbera 3494
Gladiolus 7977
Gladiolus × *Homoglossum* 7972
globe artichokes 3308
Glycyrrhiza uralensis 1971
Gomphrena globosa 3507
grapes 162, 3228-3229, 4100, 5947, 9589, 9599
hazelnuts 7564
Heuchera sanguinea 9813
hyacinths 9832
Hydrangea macrophylla 9895

Growth regulators *cont.*
BA *cont.*
responses *cont.*
Hypoxis rooperi 10007
Ixia viridiflora 7972
Kalanchoe blossfeldiana 4413
Lagerstroemia indica 9924
Lagerstroemia speciosa 6314, 7215
lawns and turf 5459, 9858
lemons 7353
Leptospermum 5525
lettuces 7472, 8784
Lilium 3526
Liquidambar styraciflua 1889
Luffa aegyptiaca 6010
Momordica charantia 7791
Morus lhou 3140
mulberries 2243
Musa 1452
Muscari 5447
Nerine bowdenii 9854
olives 8354
oranges 639, 3739, 5700
Orchidaceae 3567, 8052
ornamental plants 3501
Paulownia tomentosa 1246
pawpaws 3821, 9280
peaches 1609, 4989, 4997, 6719, 6748, 8592, 9449, 9490
peas 2490, 4274
pecans 1616
Pelargonium 8142
Pelargonium graveolens 8144
Phalaenopsis 9056
Phalaenopsis amabilis 2669
Phaseolus vulgaris 7808, 9708
Philodendron scandens 2585
Phyllanthus emblica 730
Pinus mugo 7189
pistachios 2259
plums 1596
Poa pratensis 5456
Prunus cerasifera 3593
pumpkins 1005
Quercus shumardii 9928
quinces 6768
Ranunculus asiaticus 5452
raspberries 2282
Rebutia minuscula 9884
Rhododendron roman 7195
Rosa chinensis 1229
roses 7203, 8087
Ruscus hypophyllum 1993
Sansevieria hyacinthoides 9049
Sapindus trifoliatus 8288
Schlumbergera truncata 462
Senecio hybridus 3513
Serapias 7177
Spathiphyllum 1200
spinach 951
Spiraea bumalda 3593
strawberries 7638, 7645
Streptocarpus hybridus 9005
Streptocarpus nobilis 7959
succulent plants 1830
Tagetes erecta 4373
tea 722
Telopea speciosissima 7223
temperate fruits 796
Thalictrum minus 5641
tomatoes 3417, 5345
Urginea indica 9203
Veronica spicata 1794
Verticordia grandis 7226
walnuts 8625
woody plants 1824, 3592, 4433, 4458
Zingiber officinale 7234
Ziziphus sativa 5783
translocation, carnations 3481
BAS 106, responses, chrysanthemums 3487
benzimidazoles
responses
beetroots 947
cucumbers 990
benzoic acids, responses, grapes 901
Biostimin, responses, Orchidaceae 3567
BL-2511, responses, *Achillea millefolium* 1292

Growth regulators *cont.*
books 3010, 6599
brassinosteroids
physiology, tomatoes 380
responses
Capsicum 8923
Luffa aegyptiaca 6010
Perilla frutescens 6010
radishes 6010
tomatoes 8923
bromouracil, responses, apples 9455
calcium acetate, responses, grapes 1650
carbaryl
responses
apples 88, 1584, 2199, 2201, 3966, 8522, 8541
grapes 5952
chlorflurecol
responses
Capsicum 393
cucumbers 2443, 7788
grapes 9576
Momordica charantia 7791
tomatoes 393
chlormequat
application
Citrus 10087
poinsettias 8070
responses
Antirrhinum 5380
apples 2171, 2193, 4926, 7532, 7544, 8504
beetroots 7716
Capsicum 345
carrots 7883
Chamelaucium uncinatum 9918
Citrus 5674
Euphorbia lathyris 1385
Eustoma grandiflorum 7127
grapes 186, 4137, 5154, 5952
Hydrangea macrophylla 7192
lawns and turf 5459
Lilium 3526
Litchi 6501
longans 7381
mangoes 7411
Mentha piperita 8145
okras 342, 1052
pawpaws 4767
pears 3171, 4926, 9504
Pelargonium 5375, 8983, 8986
Pelargonium peltatum 1125
Pharbitis nil 1777
Phaseolus vulgaris 2472, 8852
plants 3896
poinsettias 3580, 5494, 8070
pot plants, reviews 3502
raspberries 2284
Rhododendron 1224, 1868, 7197, 9084
Rhododendron indicum 9901
roses 4452
Salvia officinalis 8145
Schlumbergera truncata 462
Sophora microphylla 7222
Tagetes patula 7960
tomatoes 2523, 3429, 5344, 6117, 6123
Trachelium caeruleum 1144
Trollius chinensis 2605
vegetables 4312
woody plants 3592
Zingiber officinale 4490
chlorobenzhydroxamic acid, responses, apples 1591
chlorobenzoic acid, responses, *Pharbitis nil* 7934
chloroethylmethylbenzyloxysilane, responses, peaches 3158, 9497
chlorogenic acid, responses, grapes 3225
chloromethylnitropyrazole, responses, oranges 2059
chlorophenylthiotriethylamine, responses, carrots 7884
chlorophthalimido cyclohexanecarboxamide
responses
celery 7885
cherries 4000
Cyclamen 3518

Growth regulators *cont.*
chloropyridylphenylurea, responses, grapes 6845
chlorosalicylic acid, responses, *Pharbitis nil* 1778
chlorphonium
responses
Mentha piperita 8145
Salvia officinalis 8145
chlorsulfuron, responses, lawns and turf 1181
cinnamic acid, responses, *Pharbitis nil* 1778
conferences 740, 9310
grapes 8489
coumaric acid, responses, *Pharbitis nil* 1778
coumarin, responses, citrumelos 10061
coumarins, responses, peas 3380
CPA
responses
cashews 4694
figs 5874
Leptospermum 5525
4-CPA
responses
boysenberries 884
tomatoes 3428, 7050, 7058
cycloheximide
responses
carnations 3484
clementines 8341
cut flowers 7906
Ligustrum japonicum 4223
Litchi 6500
mangoes 2086
Muscari 5447
oranges 4223
pears 9512
Phaseolus vulgaris 4223
roses 3587
spinach 9637
cysteine, responses, *Watsonia fourcadei* 9855
cytochalasin B, responses, radishes 7759
cytokinins
biosynthesis
carrots 4266
peas 4266
composition
apples 816
Begonia masoniana 7134
guavas 8400
mangoes 7409
Phaseolus vulgaris 4221
tomatoes 8487
Vicia faba 3367
determination
Iris 4391
plants 5298
metabolism
Acer tataricum 7209
apples 9455
cucumbers 3350
grapes 9594
Iris 4391
mandarins 10091
Vicia faba 3367
physiology
Actinidia chinensis 9374
Amaranthus caudatus 3329
apples 9395
carnations 7913
peaches 2248
radishes 3329
walnuts 9374
responses
apples 9460
Canna indica 3505
carnations 7914
coffee 2922
grapes 7681
ornamental plants 3501
peas 2491
radishes 7493
Ranunculus 4409
Torenia fournieri 6229
translocation
apples 816
Phaseolus vulgaris 4221

Growth regulators *cont.*
cytostatics, physiology, cucumbers 7789
2,4-D
absorption, Jerusalem artichokes 231
injuries, pecans 8612
physiology
horticultural crops 2147
tulips 3532
responses
Ajuga reptans 4541
apples 815
Artemisia scoparia 9148
Asparagus racemosus 2767
aubergines 7002
Bactris gasipaes 6587
bananas 2072, 10130
carrots 1094, 1748
cashews 3786
Catharanthus roseus 8201, 9162
celery 1749
Centaurium erythraea 5594
Cinchona 9163
Cinchona ledgeriana 9164, 9990-9991
Citrus 4665, 9223
coconuts 676
coffee 4739
Crambe maritima 9673
dates 3762
Digitalis obscura 2783
Festuca rubra 2631
Fuchsia 4464
Gardenia jasminoides 9106
Geigeria aspera 4567
Glycyrrhiza uralensis 1971
Gomphrena globosa 3507
grapes 3229
guavas 4746
hazelnuts 7564
lawns and turf 1181
lemons 3756
Leptospermum 5525
limes 638, 4653
Macadamia 650
mandarins 628, 4658, 7381
mangoes 7411
oil palms 3817
oranges 3759
Panax pseudoginseng 5621
pawpaws 9281
pecans 8612
Pelargonium 8142
Phaseolus vulgaris 5274, 6055
Phyllanthus emblica 730
plums 4043
Raphia 5655
Ruscus hypophyllum 1993
Sapindus trifoliatus 8288
satsumas 2060
Scutellaria baicalensis 4585
Solanum aculeatissimum 1364
Solanum aviculare 1999
sugarcane 703, 10208
Syringa 8069
tea 10221
tomatoes 7051
Tribulus alatus 5642
Tribulus terrestris 6441
Urginea indica 9203
Vaccinium ashei 8649
Vicia faba 6065
3,5-D, responses, celery 1749
daminozide
residues, apples 2179, 3945
responses
Adonis annua 7122, 7259
apples 88, 815, 817, 1567, 2171, 2179, 2211, 3126, 3972, 4905, 4924, 4926, 5845, 6702, 6704, 6726, 7532, 7544, 7550, 8549-8550, 9409, 9420, 9422-9423, 9454-9455, 9466, 9469
Campanula isophylla 5415
carnations 1116, 7922
celery 7885
Chamelaucium uncinatum 9918
cherries 9480
Chinese cabbages 4173, 4179

Growth regulators *cont.*
daminozide *cont.*
responses *cont.*
chrysanthemums 2586-2587, 6198
Citrus 5674, 9223
Cyamopsis tetragonoloba 4245
Euphorbia lathyris 1385
Eustoma grandiflorum 7127, 8998
garlic 3272
globe artichokes 6895
Gloxinia sylvatica 1242
grapes 4115, 5154, 9592, 9600
Hydrangea macrophylla 7192
kumquats 7355
Lilium 3526
Litchi 6501
mangoes 7381
Mentha piperita 7242
okras 342
peaches 3158, 4019, 8592
pears 4926, 9504
pecans 4033
poinsettias 5494
pot plants, reviews 3502
Rhododendron 1224, 1868, 7197, 9084
Rhododendron indicum 9901
Salvia officinalis 7242
Saponaria officinalis 7298
Sophora microphylla 7222
temperate fruits 1570
tomatoes 5321, 6123
Trachelium caeruleum 1144
Vicia faba 8870
Whitfieldia elongata 5532
woody plants 3592
Zingiber officinale 9125
diaminopropane, responses, cherries 6744
dicamba
responses
bananas 1451
cucumbers 7788
dichlorobutrazol, responses, apples 8499
dichlorophenoxyacetyl dimethyl pyrazole, responses, tomatoes 3428
dichlorophenoxytriethylamine
responses
Parthenium argentatum 4615
Phaseolus vulgaris 5229
radishes 5229
dichlorprop, responses, apples 2198
dihydrozeatin, determination, tomatoes 7467
dikegulac
responses
Achillea millefolium 1292
Chamelaucium uncinatum 9918
Kalanchoe 1196
mangoes 7410
dimethipin
responses
grapes 194
peaches 3158
Phaseolus vulgaris 6056
DNOC
responses
apples 9468
temperate fruits 811
DNP, responses, radishes 7759
dodecylox-ymethylenemethylmorpholinium chloride, responses, lettuces 5995
dodecyloxymethylenemethylpiperidinium chloride, responses, lettuces 5995
2,4-DP, responses, natsudaidais 10089
DPX-1840, responses, cucumbers 7788
DPX-6206, responses, lawns and turf 1181
enomelanins, responses, grapes 907
EPTC, responses, lawns and turf 1181, 1184
etacelasil, responses, olives 1438
ethanolamine, responses, *Vicia faba* 8870
ethephon
absorption, rubber 2093

Growth regulators *cont.*
ethephon *cont.*
application
pecans 5063
rubber 6562
determination
olives 9249
onions 9620
plants 4871
injuries, peaches 3158
metabolism, olives 9249
physiology
hyacinths 9833
Narcissus 9833
residues, tomatoes 6147
responses
Amaranthus caudatus 4365
apples 88, 815, 1584, 2193, 3966, 5838, 6704, 7532, 7544, 8522, 9422, 9449, 9454-9455, 9465-9466, 9468
atemoyas 7385
bananas 2074, 4688, 7396
Beloperone guttata 3503, 9098
blackberries 8634
carrots 6149
cauliflowers 4178
celery 7885
cherries 2235, 2238, 5870
Citrus 5674, 7344
coffee 3807
cucumbers 5245
Cucurbita pepo 1008, 3335
garlic 3272
Gladiolus 3521, 5438, 7140, 7971
grapefruits 8344
grapes 174, 1650, 2320, 4115, 5150, 5951, 7675
horticultural crops 3031
hyacinths 9833
Hymenocallis festalis 9853
injuries, peaches 9498
kumquats 2879
lawns and turf 453, 3549, 5459, 9028
Lilium longiflorum 6245
Litchi 7381
longans 7381
Macadamia 650, 7371
mangoes 692, 1483, 2086, 4752, 6544, 7410-7411, 10166
Mentha piperita 7242
Momordica charantia 7791
Narcissus 9833
nectarines 845
okras 1052
olives 1438, 8354
onions 9620
Parthenium argentatum 4615
pawpaws 4767, 7381
peaches 845, 1613, 3158, 5021, 5023, 9449, 9497, 9499
pears 5838, 9504, 9509
pecans 5063, 8612
Phaseolus vulgaris 7806
pineapples 1500-1501, 2946-2947
Platycodon grandiflorus 5421
plums 2264, 9525
Raphia 5655
Rhus typhina 1892
roses 8087
rubber 4778, 6562, 7420, 9289
Salvia officinalis 7242
Sambucus caerulea 6775
satsumas 9239
Sophora microphylla 7222
tomatoes 1089, 2523, 3428, 6123, 6140-6141, 7051
tulips 5446
Zingiber officinale 9125
translocation, cucumbers 6948
ethychlozate
responses
mandarins 6486
natsudaidais 10089
satsumas 2851

Growth regulators *cont.*
ethylene
biosynthesis
apples 43, 8554
avocados 1393
carnations 6192, 8880
cut flowers 8084
Eucalyptus globulus 5823
Hedera helix 5823
Litchi 5722
pears 5045
peas 43, 6072, 8872, 8880-8881
Pharbitis nil 1775
Phaseolus vulgaris 1716
reviews 7907
subtropical fruits 7382
tomatoes 43, 379, 386, 1742, 5347, 5823
tropical fruits 7382
Vicia faba 8872
watercress 7764
composition
pears 9512
peas 4264
conferences 9
injuries
Begonia cheimantha 7964
Freesia 7967
Hibiscus rosa-sinensis 8107
metabolism
apples 86, 6138
carnations 6185, 7916, 7919
cut flowers 7910
Freesia 7967
grapes 1650
lettuces 9647
Ligustrum japonicum 4223
oranges 4223
peas 336
Petunia 7940
Phaseolus vulgaris 294-295, 4223, 8866
spinach 8778
tomatoes 6138, 7049
Vicia faba 336, 8871
physiology
carnations 5385
cauliflowers 4178
fruit crops 8446
Hippophae rhamnoides 7655
ornamental bulbs 7986
ornamental plants 7898
peas 6074
Phaseolus vulgaris 296
Sambucus nigra 296
tomatoes 6139
responses
Actinidia chinensis 2269
Aechmea fasciata 9863
apples 4945
avocados 7316
bananas 1462, 2902, 10132
black currants 5901
carnations 416, 7914, 7918, 7922
chicory 236, 8780
Euphorbia fulgens 8073
Gladiolus 7140
Hippophae rhamnoides 7655
horticultural crops 3031
Iris 6239
lettuces 8784
Lilium longiflorum 6245
mangoes 2087
pears 1615
peas 1043, 2486, 8882
Pharbitis nil 5397
Phaseolus vulgaris 8863
pineapples 6553
plants 3896
pot plants 7097
roses 3588
rubber 8369
Streptocarpus 7958
ethylthiomethylsulphonotrifluorotoluidide, responses, *Acer saccharinum* 1880
EX-1019, responses, apples 6720
fatty acid methyl esters, responses, apples 3937

Growth regulators *cont.*
fenoprop
responses
pears 5048
Phaseolus vulgaris 5048
fenoxaprop, responses, sugarcane 2096-2097
flavonoids, responses, almonds × peaches 4995
flurprimidol
physiology, pears 854
responses
Acer saccharinum 1880
apples 6720, 9421
lawns and turf 1181, 3549, 5459, 9028, 9858
peaches 9421
pecans 1616, 9515
sour oranges 10084
strawberries 8673
tomatoes 9421
translocation, apples 6721
folcysteine, responses, strawberries 7646
folic acid, responses, strawberries 7646
fosamine, responses, tomatoes 7865
fungicides, responses, *Vicia faba* 9718
fusicoccin
responses
Helleborus foetidus 1139
lettuces 8784-8785
onions 8763
peas 4262
Phaseolus vulgaris 7806
pumpkins 1005
Tropaeolum majus 3515
Valerianella locusta 8957
GA
absorption
Citrus 1416
peas 337
application
apples 802
Citrus 10087
grapes 9578
biosynthesis
peas 4265
Sechium edule 5259
composition
apples 816
Capsicum 3397
cucumbers 3349
Gladiolus natalensis 3522
grapes 5948
peaches 3149
Zingiber officinale 4490
determination
Citrus latifolia 1419
plants 4872, 5298
injuries
apples 6703
Cyclamen 3518
lawns and turf 2637
metabolism
apples 9455
globe artichokes 953
peaches 1609
Pharbitis nil 1776
strawberries 5100
physiology
carrots 1747
cucumbers 3349
olives 10103
peaches 3149
sugarcane 10207
responses
Achimenes 3537-3538
Actinidia arguta 1624
Adonis vernalis 7123
Amaranthus caudatus 4365
Amaryllis vittata 7996
Anemone coronaria 2612-2613
apples 68, 86, 802, 812, 818, 2194, 2204, 3934, 4927, 5864, 6694, 6703-6704, 6720, 7550, 9408, 9426-9427, 9454-9455, 9462
apricots 4959
Archontophoenix cunninghamiana 2707
Artemisia dracunculus 7228

Growth regulators *cont.*
GA *cont.*
responses *cont.*
atemoyas 6515
Atropa belladonna 4546, 9149
bananas 1462, 3782, 10130
Calluna vulgaris 1216
Camellia 7186-7187
Capsicum 345, 3397
carnations 7922
carobs 6459
carrots 3284, 6149-6150, 6156, 7067, 7883
cashews 3786, 4695, 4716
celeriac 6021
celery 6158, 7885, 9772
cherries 1600, 3137, 3996, 4001-4002, 4967, 4970, 4973, 6758
chicory 5199
chrysanthemums 3493
Citrus 5710, 6462
clementines 8341
coffee 2922
Convallaria majalis 6021
Cotoneaster divaricatus 3600
cucumbers 3339
cut flowers 7992
Cyclamen 3518, 6234, 7965
Cymbidium kanran 2668
dates 648, 5719, 10096
Datura fastuosa 9149
Euphorbia lathyris 1384-1385
Euphrasia 1137
Freesia 3519
Fuchsia 3506
Gardenia jasminoides 8105
garlic 5175, 9611
Gentiana scabra 7128
Gladiolus 1151, 3521, 7139
Gladiolus grandiflora 7978
Gladiolus natalensis 3522, 4385
globe artichokes 3308, 7728
grapes 178, 3250, 4130, 4137, 5155, 5925, 5947, 7682, 8708, 8716, 9578, 9589, 9592, 9599
guavas 4744, 4746
Helleborus foetidus 1139
horticultural crops 5821
Impatiens balsamina 4367, 6223, 7952
Iris 9837
Kalanchoe blossfeldiana 4413
lawns and turf 2636-2637, 3546, 5459
lemons 3756
lettuces 6021, 7472, 8785, 9647
Liatris spicata 7999
Lilium 3526
Lilium longiflorum 9020
limes 638, 4653
Lithospermum erythrorhizon 4493
loquats 10100
Magnolia 3578
mandarins 628, 2876, 4658, 7381
mangoes 2086
Matteuccia struthiopteris 4416
Nandina domestica 3607
okras 342
olives 8354
onions 3284
Opuntia amyclaea 5733
oranges 639, 2852, 6488
Orchidaceae 3567, 8052
ornamental plants 3501
Papaver bracteatum 6418
pawpaws 3821, 7381
peaches 849, 1609, 1613, 3159, 4019, 4997, 5021, 8592, 8597, 9499
pears 5049, 6758, 9509
peas 1043, 4263, 9724
pecans 1616, 4031
Pelargonium 2592, 5375
persimmons 6509
Petroselinum crispum 6150
Pharbitis nil 7934

Growth regulators *cont.*
GA *cont.*
responses *cont.*
Phaseolus vulgaris 1016, 3362, 7806, 8852
plants 3896, 5377
Platycodon grandiflorus 5421
plums 6758, 9525-9526
Poa pratensis 5456
pummelos 10086
radishes 6010, 6930
Ranunculus asiaticus 2612-2613
Raphia 5655
raspberries 2282, 7605, 9548
Rhododendron 483
Rhus typhina 1892
Rosa chinensis 1229
roses 4454, 7203
Sambucus caerulea 6775
satsumas 2056, 5708
Schlumbergera truncata 462
Serapias 7177
strawberries 3210, 7645, 8672
Streptocarpus 432, 7958
sweet peas 4368
Tagetes erecta 4373
Telopea speciosissima 7223
temperate fruits 796
tomatoes 3417-3418, 3428, 7048, 7050
Trollius chinensis 2604-2605
Tropaeolum majus 3515
tulips 442, 1814, 3533
Vaccinium ashei 8649
Vicia faba 9718
walnuts 867
Watsonia fourcadei 9855
woody plants 1211, 3592
Zingiber officinale 9125
Zinnia elegans 9008
translocation
apples 816
cherries 6758
pears 6758
plums 6758
tomatoes 4329
gibberellins
composition
Aegle marmelos 729
Billbergia windii 9865
garlic 7698
guavas 8400
mangoes 7409
melons 9692
oil palms 5753
pineapples 9865
Pyrus pyrifolia 9507
Ziziphus mauritiana 729
metabolism
apples 9464
grapes 9594
mandarins 10091
physiology
Actinidia chinensis 9374
apples 9395
peaches 2248
peas, reviews 6977
walnuts 9374
responses
apples 9460
Capsicum 9731
carnations 7914
grapes 7681
Pyrus pyrifolia 9507
glyphosate
responses
Sophora microphylla 7222
sugarcane 5764
glyphosine
responses
Euphorbia lathyris 1385
sugarcane 5764
growth inhibitors
biosynthesis, radishes 9672
composition
garlic 7698
Luffa amara 10012
radishes 9671
metabolism, tomatoes 2523
responses, peas 3380

Growth regulators *cont.*
growth retardants
responses
cocoa 8369
Vicia faba 9718
humic acids, responses, tomatoes 3417
hydroxymethylchlorophenoxyacetic acid, responses, tomatoes 4333
IAA
absorption, Jerusalem artichokes 231
composition
avocados 7317
Begonia masoniana 7134
grapes 4134, 5948
hazelnuts 3138
peas 4264, 5297
Phaseolus vulgaris 9707
radishes 2405
strawberries 3210
Vicia faba 3367
Zingiber officinale 4490
determination, plants 4872, 9324
metabolism
apples 9455
avocados 7317
carrots 4337
hyacinths 3523
peaches 1611
Phaseolus vulgaris 8862, 9701
radishes 7810
strawberries 5100
tomatoes 7810
Vicia faba 3367, 7810
physiology
carrots 1747
cucumbers 4200
olives 10103
oranges 4662
peas 338
Phaseolus vulgaris 297, 1024
tulips 3532
responses
Adiantum raddianum 1825
Amaryllis vittata 7996
apples 819
Artemisia scoparia 9148
Asclepias curassavica 8187
Asparagus racemosus 2767
bananas 2072, 4683, 9257
black currants 5901
Calotropis gigantea 4609
Capsicum 3397
carnations 3478, 7099, 7914
cashews 4690, 4694-4695, 4701
Catharanthus roseus 8201
celery 9772
Centaurium erythraea 5594
cherries 4968
chicory 4159
chrysanthemums 2585, 3486
Cinchona ledgeriana 9164, 9991
Citrus 6462
coffee 4739
Coleus forskohlii 6381
Cordyline fruticosa 5517
Coriandrum sativum 5535
Cornus florida 1884
Costus speciosus 1955
Crataegus pinnatifida 490
cucumbers 3339
cut flowers 7906
dates 5719
Digitalis obscura 2783, 9174
Epipremnum pinnatum 5517
Ficus elastica 8039
Fritillaria persica 444
Fuchsia 4464
Gardenia jasminoides 9106
Geigeria aspera 4567
Gerbera 7113
globe artichokes 3308, 6891
Glycyrrhiza uralensis 1971
grapes 5121, 7675
Helleborus foetidus 1139
horticultural crops 5821
Impatiens balsamina 3508
Impatiens walleriana 5418
Lagerstroemia speciosa 6314
lemons 7353
lettuces 5994

Growth regulators *cont.*
IAA *cont.*
responses *cont.*
Ligustrum japonicum 4223
Lilium longiflorum 2619, 9020
melons 3340, 6019
Musa 1452
Opuntia 2662
oranges 3739, 4223, 4662
pears 3172
peas 1043, 4262, 4274, 8859
Pelargonium graveolens 8144
Phalaenopsis 9056
Phaseolus vulgaris 297, 4223, 5274, 8859
Philodendron scandens 2585
Phyllanthus emblica 730
Platycodon grandiflorus 5421
plums 4043, 5068
radishes 5228
Ranunculus 4409
Ranunculus asiaticus 5452
Raphia 5655
roses 7202
Scutellaria baicalensis 4585
Senecio cruentus 5425
Senecio hybridus 3513
Serapias 7177
sugarcane 6567
Tagetes erecta 4373
tea 722
tomatoes 3418, 7048
tulips 3535
woody plants 3571, 4433
Ziziphus sativa 5783
translocation
carnations 6191
Cucurbita pepo 1003, 5258
IBA
composition, radishes 2405
physiology, tulips 3532
responses
Acer miyabei 1878
Actinidia chinensis 132, 872, 2268
Adiantum raddianum 1825
almonds × peaches 4995
apples 76, 3099, 3933-3934, 3936, 4899, 6695, 8514, 9397
Artemisia scoparia 9148
Asparagus 3388
Asparagus racemosus 2767
Atropa belladonna 8250
avocados 2832
Betula platyphylla 1234
Bougainvillea 5485
Bouvardia 2708
Callistemon citrinus 4462
Camellia 7187
Camellia japonica 3574, 5487
carnations 3478
carobs 3734, 6459
cashews 4692, 4694, 4700-4702
Castanea mollissima 4974
cauliflowers 2395
cherries 3996, 4967
chestnuts 6745, 9482
chrysanthemums 3486
Chrysothamnus nauseosus 2025
Cinchona ledgeriana 9164, 9991
coffee 4738, 6534
conifers 4442
Cordyline fruticosa 1191, 5517
Cornus florida 1884
Cornus mas 8498
Cyclamen 1148
Datura 8250
Davidia involucrata 5518
Dendromecon rigida 3602
Digitalis obscura 2783
Duboisia leichhardtii 8250
Enkianthus perulatus 1240
Epipremnum pinnatum 5517
Ficus elastica 8039
figs 6747
Gardenia jasminoides 9106
Geigeria aspera 4567
Gladiolus 7139
globe artichokes 6891
grapes 901, 3225-3226

Growth regulators *cont.*
IBA *cont.*
responses *cont.*
Grevillea 1243
Grevillea johnsonii 5522
hazelnuts 7564
Hippophae rhamnoides 8687
hyacinths 1807
Hyoscyamus 8250
Juniperus 1213
Kalanchoe blossfeldiana 4413
Lagerstroemia speciosa 6314, 7215
lemons 7353
Leptospermum 5525
Liquidambar styraciflua 1889
Litchi 1433
Macadamia 1433
Magnolia 3578
mandarins 7381
mangoes 7381, 7411
Mentha 8136
Metrosideros carminea 7204
Morus lhou 3140
mulberries 5875
Mussaenda phillipica 4468
olives 2889
Orchidaceae 3567
Panax pseudoginseng 5621
passion fruits 9251
Paulownia tomentosa 1246
pawpaws 3821, 9280
peaches 104, 4991, 5877, 6748, 9488
Pelargonium graveolens 8144
persimmons 4678, 5729
Photinia arbutifolia 1890
Pinus mugo 7189
pistachios 2259
plums 863-864, 1596, 4043, 5068
Prosopis cineraria 3382
Prunus 4879
Quercus shumardii 9928
raspberries 2282, 8635
red currants 4057
Rhododendron 2694
Rhododendron yedoense 6299
Rosa canina 5500
roses 526, 5501-5502, 7202
Ruscus hypophyllum 1993
Saponaria officinalis 7298
Sequoia sempervirens 6289
Simmondsia chinensis 1383
stone fruits 4987
sugarcane 6567
tea 9299
Telopea speciosissima 7223
temperate fruits 7511, 8498
Thuja occidentalis 9069
Vaccinium corymbosum 8642
Vaccinium vitis-idaea 3201
Verticordia grandis 7226
walnuts 867, 4048, 8625
woody plants 469, 1848, 3571, 4457, 8059
Ziziphus sativa 5783
indole ethanol, composition, peas 5297
indoleacetaldoxime, metabolism, Chinese cabbages 981
2iP
composition
avocados 7317
chicory 8782
metabolism, avocados 7317
responses
Adiantum raddianum 1825
Alstroemeria 3539
carnations 5381
Cinchona ledgeriana 9164
cucumbers 3339
Ericaceae 3581
Ficus elastica 8039
Gardenia jasminoides 8105
Gerbera 3494
globe artichokes 3308
Heuchera sanguinea 9813
Hydrangea macrophylla 9895
Lagerstroemia speciosa 6314
Nephrolepis exaltata 1831
pawpaws 9280

Growth regulators *cont.*
2iP *cont.*
responses *cont.*
Quercus shumardii 9928
Senecio hybridus 3513
Solanum aculeatissimum 1364
Syringa 2688
Vaccinium corymbosum 8642
Vaccinium vitis-idaea 1627
Veronica spicata 1794
isopentenyladenosine
composition, avocados 7317
metabolism, avocados 7317
kinetin
composition, *Zingiber officinale* 4490
responses
Acer tataricum 7209
Actinidia arguta 1624
Adonis annua 7122, 7259
apples 68, 8506, 8539-8540
Artemisia scoparia 9148
Asclepias curassavica 8187
Asparagus racemosus 2767
aubergines 8905
avocados 2832
bananas 1451, 3782, 9257
Bougainvillea 5485
Calotropis gigantea 4609
Canna indica 3505
Capsicum 3397
carnations 5381, 7099, 7922
Catharanthus roseus 8200-8201, 9162
cauliflowers 2395
Centaurium erythraea 5594
Chamomilla suaveolens 1905
cherries 1600
chicory 5199
Chinese cabbages 5210
Cinchona ledgeriana 9164
Citrullus vulgaris 1713
coconuts 676
coffee 10140
Cordyline fruticosa 5517
cucumbers 267, 5345
Cucurbita pepo 6032
cut flowers 7992
dates 5719
Digitalis obscura 9174
Epipremnum pinnatum 5517
Euphorbia lathyris 1384
Fosterella penduliflora 3555
Freesia 7968
Gardenia jasminoides 8105
garlic 9611
Geigeria aspera 4567
Gerbera 3494
Gladiolus 3521, 5438
globe artichokes 6891
Glycyrrhiza uralensis 1971
grapes 3229, 3250, 5154, 7675
Helleborus foetidus 1139
Heuchera sanguinea 9813
Lagerstroemia indica 9924
Lagerstroemia speciosa 6314
lettuces 7472, 8785, 9647
Ligustrum lucidum 3604
Lilium 3526
Lilium longiflorum 2619
Litchi 6500
Matteuccia struthiopteris 4416
melons 3340, 6019
Nephrolepis exaltata 1831
oranges 1421
ornamental plants 3501
Panax pseudoginseng 5621
pawpaws 9280
peas 1043, 4274
Pharbitis nil 1774, 7934
Phaseolus vulgaris 6055
Phyllanthus emblica 730
Poa pratensis 5456
pomegranates 10112
Rhododendron roman 7195
Sapindus trifoliatus 8288
satsumas 5708
Scutellaria baicalensis 4585
Senecio hybridus 3513
Serapias 7177
Solanum aviculare 1999

Growth regulators *cont.*
kinetin *cont.*
responses *cont.*
tea 722, 10221
tomatoes 3418, 5345, 7048
Tribulus alatus 5642
Tribulus terrestris 6441
Tropaeolum majus 3515
Urginea indica 9203
Veronica spicata 1794
Verticordia grandis 7226
Watsonia fourcadei 9855
KUH 833, responses, lawns and turf 9858
LAB 117, responses, chrysanthemums 3487
mefluidide
responses
apples 2178
cover crops 9384
lawns and turf 1180-1181, 1184, 1818-1819, 3549, 6257, 8006-8007, 8014-8015, 9028
mepiquat
responses
okras 1052
pecans 1618
mercaptophenol, responses, radishes 7759
methyl jasmonate, responses, tulips 3536
methyl purine, responses, spinach 9637
metsulfuron, responses, lawns and turf 1181
MH
responses
garlic 935
lawns and turf 1184, 8006, 8014-8015
mangoes 7381
onions 2365, 5182
Sophora microphylla 7222
MON 4621
responses
Festuca rubra 1180
lawns and turf 1819
MON 4623
responses
Festuca rubra 1180
lawns and turf 1819
morphactins
responses
Momordica charantia 7791
peaches 9500
Vicia faba 3367
myoinositol
responses
Camellia 7186
carnations 7098
NAA
application, *Actinidia* 6780
physiology, tulips 3532
responses
Actinidia chinensis 2268
Adiantum raddianum 1825
Adonis vernalis 7123
Ajuga reptans 4541
almonds 9388
Amelanchier laevis 1232
apples 77, 88, 815, 2199-2201, 3965, 4942-4943, 5837, 7550, 8514, 9424, 9426, 9462
Armoracia rusticana 9116
Artemisia scoparia 9148
Asclepias curassavica 8187
Asparagus 7825
aubergines 7002
avocados 2831
bananas 1450, 3778
Begonia coccinea 1797
Betula platyphylla 1234
black currants 5901
Cactaceae 3556
Callistemon citrinus 4462
Camellia 7186
Camellia japonica 3574
Canna indica 3505
Capsicum 345, 3397

Growth regulators *cont.*
NAA *cont.*
responses *cont.*
carnations 3478, 5383, 6188, 7098, 7913, 7915
cashews 4694, 4700
Catharanthus roseus 8200-8201
cauliflowers 2395
cherries 4000, 4973, 5870
chicory 5199, 5984
Chinese cabbages 5210
chrysanthemums 3486, 6196, 7109
Chrysothamnus nauseosus 2025
Cinchona ledgeriana 9164
Citrus 7322
clementines 8341
coffee 680, 2922, 4738-4739, 6534
Cordyline fruticosa 2656
Corydalis remota 2779
Cymbidium kanran 2668
Cymbidium sazanami 2670
dates 5719
Dierama latifolium 4403
Digitalis obscura 2783
Dioscorea floribunda 2785
Euphorbia lathyris 4613
figs 6747
Fosterella penduliflora 3555
Fritillaria pallidiflora 5449
Gardenia jasminoides 9106
garlic 3267
Geigeria aspera 4567
Gerbera 7113
Gladiolus × *Homoglossum* 7972
globe artichokes 3308
Glycyrrhiza uralensis 1971
Gomphrena globosa 3507
grapes 901, 924, 9577
Grevillea 1243
guavas 688, 4746
Heuchera sanguinea 9813
hyacinths 9832
Hypoxis rooperi 10007
Ixia viridiflora 7972
Juniperus 1213
Kalanchoe blossfeldiana 4413
lemons 3756, 7353
Leptospermum 5525
Lilium longiflorum 2619
Liquidambar styraciflua 1889
Litchi 3770
longans 7381
loquats 10100
Macadamia 650
mandarins 628, 7381
mangoes 7381, 7410-7411
Matteuccia struthiopteris 4416
Mentha 8136
Metrosideros carminea 7204
Momordica charantia 7791
mulberries 2243, 5875
Mussaenda phillipica 4468
Nephrolepis exaltata 1831
Nerine bowdenii 9854
olives 8354
onions 5182
oranges 5700
Orchidaceae 3567, 5475
Paulownia tomentosa 1246
pawpaws 3821, 9280
peaches 5023, 9488
pears 5049, 5889
peas 2490, 4274
pecans 8612
Pelargonium 8142
Phalaenopsis amabilis 2669
Pharbitis nil 1774, 7934
Photinia arbutifolia 1890
pineapples 1500, 2946
Pinus mugo 7189
Piper nigrum 4486
plums 1596, 4043
pomegranates 10112
quinces 6768
Ranunculus 4409
Rhododendron roman 7195
Rhododendron yedoense 6299
Rosa chinensis 1229

Growth regulators *cont.*
NAA *cont.*
responses *cont.*
roses 7202
rubber 7419
Sansevieria hyacinthoides 9049
satsumas 2058
Senecio cruentus 5425
Senecio hybridus 3513
Sequoia sempervirens 6289
Simmondsia chinensis 1383
spinach 951
stone fruits 5010
strawberries 3210
Streptocarpus hybridus 9005
succulent plants 1830
sugarcane 6567
Tagetes erecta 4373
tea 722
Thalictrum minus 5641
Urginea indica 9203
Vaccinium corymbosum 8642
Veronica spicata 1794
walnuts 4048
woody plants 1848, 3571
Zingiber officinale 7234
Ziziphus mauritiana 728
Ziziphus sativa 5783
NAAM
responses
apples 1584, 2199, 9428, 9455, 9466
coffee 6534
Cornus florida 1884
mulberries 5875
pears 2255
naphthaleneacetamide, responses, pears 5049
naphthoxyacetic acid
responses
cashews 3786
cherries 6758
Leptospermum 5525
pears 5049, 6758
plums 6758
tomatoes 5349, 7058
naptalam, responses, cucumbers 7788
nitroguaiacol
responses
Capsicum 4317
Chamomilla suaveolens 1906
Platycodon grandiflorus 5421
tomatoes 4317
nitrophenolate
responses
Capsicum 4317
Chamomilla suaveolens 1906
tomatoes 4317
nitrostyrenes, responses, grapes 5155
paclobutrazol
application
grapes 6826
rough lemons 5684
injuries, *Beloperone guttata* 9098
physiology
apples 812
pears 854
responses
Acer saccharinum 1880
apples 86, 1568, 2178, 2203, 3105, 4925-4926, 6694, 6704, 6720, 8499, 8523, 9409, 9420-9422
apricots 4957
Beloperone guttata 3503, 9098
Chamelaucium uncinatum 9918
cherries 4925
Chinese cabbages 4179
cover crops 9384
cucumbers 992
Cucurbita pepo 992
Episcia cupreata 9876
Eustoma grandiflorum 8998
Freesia 7136
grapes 6826
Hydrangea macrophylla 7192
kumquats 7355
lawns and turf 1181, 5459, 6257, 8007, 8014-8015, 9858
Lilium longiflorum 9021

Growth regulators *cont.*
paclobutrazol *cont.*
responses *cont.*
nectarines 7571
ornamental plants 7090
reviews 7894
peaches 847, 3149, 4925, 5002, 5013, 5025, 9421, 9491
pears 4926, 9504, 9509
pecans 1616, 9515
Phaseolus vulgaris 1016, 1792, 5275, 8852
Philodendron 9046
Plectranthus parviflorus 1792
plums 5893
poinsettias 3580
pot plants 7184
raspberries 7605, 8637, 9548
reviews 3473
Rhododendron 1224, 7197, 9084
roses 4452
rough lemons 5684
sour oranges 10084
strawberries 2293, 8672-8673
temperate fruits 1570
tomatoes 7864, 9421
tulips 4400
paraquat, responses, raspberries 9545
PBA
responses
Freesia 7968
Lagerstroemia indica 9924
roses 3586
pentefenzol, responses, lawns and turf 9858
phenylalanine, responses, *Pharbitis nil* 1778
phloridzin
physiology, apples 9395
responses
apples 6697
hyacinths 9832
phloroglucinol
responses
apples 3934
figs 6747
garlic 3267
pawpaws 3821
phthalamic acid, physiology, lemons 2055
picloram, responses, *Adiantum raddianum* 1825
piproctanyl bromide, responses, chrysanthemums 2586
polyamines
biosynthesis, Jerusalem artichokes 7726
metabolism, apples 86
physiology, reviews 1546
responses
apples 9461
Cucurbita maxima 7787
olives 10104
pawpaws 3821
pears 9508
peas 4263
radishes 7761
tomatoes 9744
polyethylene glycol
injuries
apples 1568
black currants 1568
responses
apples 1568
temperate fruits 1570
polyvinylpyrrolidone, responses, *Pelargonium* 1781
PPZ, responses, woody plants 8059
proline
responses
apples 8506
vegetables 4312
propyl butylphenoxyacetate
responses
apples 1569, 2194, 2203, 3937
cherries 9479
putrescine
responses
apples 6704
cherries 6744

Growth regulators *cont.*
racemomycin-D, physiology, horticultural crops 2147
research, statistical methods, carrots 7469
reviews 6671
biochemistry, books 1528
cut flowers 3476
fruit crops 9381
nurseries, woody plants 3591
ornamental plants, China 3465
plants 6669
subtropical fruits 7381
tropical fruits 7381
RSW 0411, responses, *Achillea millefolium* 1292
salicylic acid
physiology, pears 5045
responses, tomatoes 7051
silver nitrate, responses, *Macadamia* 650
2,4,5-T
responses
bananas 2072, 10130
cashews 3786
guavas 4746
lemons 3756, 7353
mandarins 628
rubber 7419
Ziziphus mauritiana 728
tannic acid, responses, *Impatiens balsamina* 4367
terbacil
application
apples 2202
peaches 2202
responses
apples 2202
peaches 2202
Teric 12A23B, responses, apples 1568
terpenoids, responses, sugarcane 3832
tetcyclacis, responses, lawns and turf 3549
thiamine, responses, *Camellia* 7186
thidiazuron
metabolism, *Phaseolus lunatus* 6965
responses
apples 3114, 9407
peaches 3158
radishes 7493
thiourea
responses
Gladiolus 5438
grapes 189
temperate fruits 811
TIBA
responses
apples 3937, 4950
bananas 10130
Citrus 6462
cucumbers 6021, 7788
grapes 5952
lawns and turf 5459
olives 8354
pawpaws 4767
Pelargonium 1781
Pharbitis nil 1774
Vicia faba 3367
triacontanol
composition, tea 2100
responses
coffee 2922
Poncirus trifoliata 1417
triadimefon, responses, apples 6704, 6720
tributyl phosphorotrithioite, responses, peaches 3158
trigonelline
composition, peas 6978
responses, *Phaseolus vulgaris* 6978
translocation, peas 6978
tryptophan, composition, radishes 2405
tyrosine, responses, *Pharbitis nil* 1778
uniconazol
responses
pecans 9515
sour oranges 10084
urea, responses, *Litchi* 6501
vitamin B, responses, apples 819
WL 083801, responses, tulips 4400

Growth regulators *cont.*
zeatin
biosynthesis, woody plants 5071
composition
chicory 8782
melons 9692
Phaseolus vulgaris 6039
metabolism
Phaseolus vulgaris 4222
radishes 986
responses
carnations 5381
carobs 6459
carrots 1748
Castanea mollissima 4974
Cinchona ledgeriana 9164
lawns and turf 9858
lettuces 5994, 7472
Morus lhou 3140
pawpaws 9280
persimmons 5729
Rhododendron roman 7195
Senecio hybridus 3513
zeatin riboside
composition
chicory 8782
melons 9692
determination, tomatoes 7467
metabolism, radishes 986
responses
Cinchona ledgeriana 9164, 9991
sugarcane 703
walnuts 3184
Growth retardation
growth regulators
apples 6720
Eustoma grandiflorum 8998
lawns and turf 453, 1179, 1818-1819, 3549, 6257, 8006-8007, 8014-8015, 9028, 9858
pecans 9515
strawberries 2293
Grubbing
arboricides, rubber 5759
herbicides, sugarcane 2897, 2962
Guadeloupe
Chinese cabbages, cultivars 5206
tomatoes, cultivars 5323
Guaiacum officinale
plant
composition
sapogenins 1973
saponins 5607
Guaiacum sanctum, cultural methods, containers 5483
Guaianolides
characterization
Centaurea incana 2774
Helenium donianum 8247
Parthenium fruticosum 4578
Guanosine phosphates, composition, *Phaseolus vulgaris* 5277
Guatteria gaumeri, plant, composition, reviews 1974
Guatteria ouregou, plant, composition, alkaloids 1331
Guavas
budding, techniques 5748
characteristics 4743
cold, injuries 8370
cultivars
assessment
Australia 7406
Brazil 687
South Africa 2082
identification 1478
pests 686
pruning 1480
cultural methods, Australia 1390
cuttings, rooting, mist 688
diseases, control, Brazil 34
fruits
composition 4747, 8371
quality
growth regulators 4746
nutrition 3810
set, biochemistry 8400
leaves
anatomy 8399
areas, assessment 2085

Guavas *cont.*
nutrients
requirements
analysis 6539
assessment 6540
nutrition
nitrogen 2083, 3810
phosphorus 2083
potassium 2083
zinc 8398
pests
Aleurotuberculatus psidii 689
Anastrepha 686
Aphis gossypii 689
Dacus cucurbitae 544
Empoasca boninensis 689
Strepsicrates rhothia 689
plant
composition 8399, 9959
ascorbic acid 4745
tannins 556
production, Brazil 7378
pruning, responses 1480
reports
Australia 6609
India 3022, 6614-6615
Malaysia 3884
South Africa 3024, 9318
salinity, responses 2084
seeds, treatment 4744
shoots, anatomy 8399
storage, systems, cold storage 5735
weed control 1479
Guignardia citricarpa, *Citrus* 2865
Guignardia philoprina, *Rhododendron* 5498
Gums
characterization, cashews 4720
metabolism, growth regulators, *Cyamopsis tetragonoloba* 4245
Gundelia tournefortii, plant, composition, coumarins 582
Gutierrezia, plant, composition, terpenoids 9141
Guzmania, flowers, initiation 8023
Guzmania lingulata
flowers, initiation 8023
photosynthesis 8019
Guzmania monostachia
flowers, initiation 8023
photosynthesis 8018
water relations, physiology 8021
Gymnadenia conopsea, seeds, viability, tests 5474
Gymnocactus, taxonomy, morphology 8044
Gymnocalycium mihanovichii, tissue culture, propagation, techniques 3556
Gymnocarpium dryopteris, spores, germination, storage 8026
Gymnosporangium juniperi-virginianae
apples 2173, 3088
Malus 5527
Gymnosporangium yamadae, apples 59
Gynandropsis gynandra, nutritional value 2557
Gynostemma pentaphyllum, plant, composition 8245
Gynura aurantiaca
tissue culture, propagation, techniques 6275
trichomes 6181
Gypsophila, cut flowers, preservatives 6186, 7948
Gypsophila bicolor, plant, composition, glycosides 9180
Gypsophila elegans, seeds, germination, inhibitors 2147
Gypsophila paniculata
cultivars
characteristics, USA 7129
cut flowers 9810
cut flowers
defoliation 7949
preservatives 7949
production, protected cultivation 9810-9811
seeds, viability, tests 6219
Gypsophila struthium, plant, composition, glycosides 5648
Gypsum, utilization, growing media, *Volvariella diplasia* 2569

Gyrinops walla
plant
composition 583
terpenoids 4568
Haemagglutinins, translocation, *Phaseolus vulgaris* 2471
Haemanthus, bulbs, production, cultural methods 9843
Haemanthus katherinae, pollen, ultrastructure 8466
Hafnia alvei, control, of *Fusarium oxysporum* f.sp. *dianthi,* carnations 2579
Hail
injuries
grapes 8697
peaches 8586
temperate fruits 1562
Hakea, grafting, techniques, assessment 6285
Hamamelis mollis, drought, injuries 2677
Hamamelis virginiana
plant, composition, tannins 3649
seeds, dormancy, physiology 6304
Hamelia axillaris, plant, composition 8159
Hamelia patens, plant, composition 8159
Hammada salicornica, plant, composition 8164
Handling
equipment
lettuces 245
ornamental bulbs 2609
sugarcane 3850-3851
tea 1518
injuries
apples 7549
fruit crops 5824-5825
Physalis peruviana 8688
tomatoes 9766
techniques
apples 6724
apricots 3132
Brassica juncea 5166
cabbages 5166
carrots 8953
Chinese cabbages 5166
cut flowers 7921, 7942
Gladiolus natalensis 4385
grapes 5153
hops 1274, 4525
horticultural crops 4873, 6674
books 1526, 2110
lettuces 966
Litchi 2885, 5721
mangoes 10169-10170
mushrooms 1756, 2565, 9778
onions 5973
pecans 9517
persimmons 3774
raspberries 7651
Roystonea regia 10039
strawberries 2302, 7651
sugarcane 10210
tomatoes 390, 5166
vegetables 9609
walnuts 9529
Hanseniella, pineapples 7417
Haplopappus fremontii, plant, composition 5608
Haplopappus paucidentatus, plant, composition, terpenoids 9141
Haplopappus pectinatus, plant, composition, terpenoids 9141
Haplophyllum foliosum, plant, composition, alkaloids 6405
Haplophyllum glabrinum, roots, composition 9181
Haplophyllum leptomerum, plant, composition, alkaloids 8246
Haplophyllum versicolor, plant, composition, lignans 6406
Harpagophytum procumbens
roots
anatomy 1332
composition 1332-1333
Harvesting
defoliation, grapes 194-195
economics
broccoli 5209
cucumbers 279
garlic 936
Harvesting *cont.*
economics *cont.*
tomatoes 1090
equipment
apples 3122
garlic 936
peaches 8600
strawberries 150, 6815
vegetables 8734
frequency
Amaranthus cruentus 3461
apples 816
Asparagus 2493, 2499, 3392
Salvia officinalis 9953
Telfairia occidentalis 1714
harvesting date
assessment
apples 1588, 2207-2209, 3121, 3970, 8542
avocados 2835, 10054
bananas 2074
Boehmeria nivea 6341
coffee 5746
Lavandula 518
leeks 8742
mandarins 3757
mangoes 10168
Mentha piperita var. *citrata* 522
Ocimum sanctum 524
oil palms 10178
onions 3291-3292
oranges 2877, 4663
peaches 6753
pears 3173, 8542
Phaseolus vulgaris 5279
pineapples 4772
sugarcane 7435
Tanacetum vulgare 8299
tea 723
Vicia faba 4242
Zingiber officinale 502, 5536
cultivars
apples 8505, 8544-8545
cabbages 9659
cauliflowers 5207-5208
tomatoes 7054
forecasting
cucumbers 8846
grapes 2328
peaches 112
peas 2479
planting
bananas 8375
cabbages 9659
Zingiber officinale 4489
sowing date
peas 2479
radishes 7757
injuries
apples 2222, 6689
Capsicum 347
carrots 7062
cherries 838
fruit crops 50-52
seasons
avocados 2037
cherries 5871
Coriandrum sativum 7230
Kaempferia galanga 7287
Parthenium argentatum 5651
rubber 5762
strawberries 8684
techniques
assessment
Amaranthus cruentus 3461
Aronia melanocarpa 4084
cut flowers 6184
Ipomoea aquatica 6165
Matteuccia struthiopteris 1752
onions 5970
Parthenium argentatum 5651
peaches 8600
rubber 2093, 2955, 3827-3828, 4778-4779, 6563, 9289
Sapium aubletianum 4617
satsumas 9240
sugarcane 8429
tea 8432, 10222
Vaccinium macrocarpon 8651
mechanical harvesting
Agave sisalana 530, 1268
Harvesting *cont.*
techniques *cont.*
mechanical harvesting *cont.*
Anthemis 7239
apples 91, 820, 4947, 6689, 8543
black currants 3194, 7591, 7609, 8630
blackberries 3197
boysenberries 885
Brassica 6925
cabbages 257
Capsicum 347, 1059-1060, 7842
carrots 7062
cherries 3985, 5869, 8568
cucumbers 279
fruit crops 50-53, 769, 2148, 3082, 9328
reviews 770
gooseberries 3195
grapes 154, 196, 1651-1652
hazelnuts 839
Hippophae rhamnoides 6817
hops 1273
horticultural crops 44
olives 5726
onions 7704, 8765
oranges 1422
Papaver somniferum 1349
peaches 113
Phaseolus vulgaris 1012, 6058
plums 5066, 8568
raspberries 3197, 4063, 7609, 8639
spinach 952
strawberries 144, 895, 6798, 6814
sugarcane 1511-1512, 3846-3847, 5773-5774, 7436-7437
tomatoes 387, 1090, 2542-2543, 4307, 6142-6143, 6147
Vaccinium 8650
Vinca 1377
work studies
fruit crops 771
grapes 6847
Hatiora, species, characteristics 6266
Haworthia, plant, vascular system 9872
Hay, utilization, mulches, cabbages 978
Hazelnuts
buds, dormancy 3138
cultivars
assessment, USSR 7575
characteristics
France 4975, 9483
USA 9483
pollination 2242
selection 2239
cuttings, sources, assessment 9484
diseases, *Rosellinia necatrix* 3925
frost, resistance, tests 411
harvesting, techniques, mechanical harvesting 839
layering, techniques 2240
pests
Curculio 4003
Pantilius tunicatus 2241
Phytoptus avellanae 2241
plant
composition
aflatoxins 4976
lipids 5822
pollen
composition 3139
germination 2242
pollination, compatibility 5872
reports
Cyprus 9316
Netherlands 6616
Switzerland 7461
shoots, histology 9484
tissue culture
embryogenesis 7564
propagation, micropropagation, reviews 6680
Heat (*see also* Temperature)
injuries
Capsicum 6990, 7777
carnations 9798
cucumbers 7777

Heat *cont.*
injuries *cont.*
Nerium oleander 1683
olives 1435
peaches 850
spinach 1683
tomatoes 7055
Tradescantia 9798
Vicia faba 5281
resistance
biochemistry
cucumbers 1712, 5345, 6030-6031
melons 6030-6031
cultivars
cherries 4960, 8560
grapes 7679
Ilex 6293
Phaseolus 8849
strawberries 3205
tomatoes 354, 6105-6106
growth regulators
cucumbers 2440, 5345
grapes 9599
Phaseolus vulgaris 5275
tomatoes 2440, 5345, 7048
physiology
Agave deserti 5465
beetroots 5185
Cactaceae 7167
Carnegiea gigantea 5465
Ferocactus acanthodes 5465
grapes 5945-5947, 7679
Ilex 6295
peas 9722
Phaseolus 7805
Tradescantia paludosa 463
treatment
Aeschynanthus hildebrandii 2703
apples 7518
Begonia 435
Citrus 1411, 9230
garlic 8740
grapes 7666
Iris 7980
mangoes 6545
Narcissus 441
peaches 850
strawberries 2299
sugarcane 6567, 6577
tulips 7991

Hebe
frost, injuries 9090
landscaping, New Zealand 7180
utilization, erosion control 7185
Hebe elliptica, cultural methods, pot plants 9913

Hedera
cultural methods, pot plants 9077
frost, injuries 411
landscaping, urban sites 9889
transport, injuries 7903
water relations, physiology 5513
Hedera helix
cultivars, habit 9075
cultural methods, pot plants 2645, 9076
drought, responses 9078
fungicides, injuries 4412
leaves, composition 1858
photosynthesis
carbon dioxide 3915
light 3915, 8068
temperature 8068
plant
composition
lipids 5822
proteins 40
development, phenology 7093
pollution
nitrogen oxides 6263-6264
ozone 5823
protected cultivation, shade 7966
shade, responses 9040
transpiration, light 9078
Hedera helix* subsp. *canariensis, leaves, anatomy 1217
Hedera nepalensis, plant, composition, saponins 2788
Hedera rhombea, plant, composition, saponins 2686-2687
Hedychium coronarium, plant, composition, essential oils 1923
Hedychium spicatum, plant, composition 1290
Hedyotis diffusa, plant, composition, quinones 9182
Heimia salicifolia, tissue culture, metabolites, production 584
Helenium
growth regulators
cytokinins, responses 3501
GA, responses 3501
plant, composition, anthocyanins 7096
Helenium aromaticum, plant, composition 2023
Helenium donianum, plant, composition, glycosides 8247
Heliamphora nutans, leaves, physiology 1787
Helianthus (*see also* Jerusalem artichokes)
Helianthus annuus
diseases, biological control 6180
tissue culture, biochemistry 9183
Helichrysum, plant, composition, anthocyanins 7096
Helichrysum bracteatum
cultural methods, pot plants 1138
landscaping, slopes 7085
Helichrysum graveolens, plant, composition, flavonoids 7283
Helicobasidium purpureum, carrots 8950
Heliconia, cultivars, cut flowers 428
Heliconia psittacorum, cultivars, cut flowers 429
Heliconia stricta, flowers, initiation, photoperiodism 9812
Helicotylenchus, sugarcane 7427
Helicotylenchus californicus, grapes 5940
Helicotylenchus digitiformis, grapes 5940
Helicotylenchus dihystera
bananas 4686
lawns and turf 3552
Pelargonium graveolens 3638
Helicotylenchus microcephalus, *Phaseolus lunatus* 3359
Helicotylenchus multicinctus, *Capsicum* 3404
Helicteres isora, leaves, composition 585
Heliocereus, species, characteristics 6266
Heliopsis buphthalmoides, plant, composition 8248
Heliopsis helianthoides, cut flowers, production, protected cultivation 6182
Heliopsis scabra (*see Heliopsis helianthoides*)
Heliothis armigera
peas 6975
Phaseolus vulgaris 3360, 4213
tomatoes 1083, 1736, 3441
Heliothis punctigera, tomatoes 3441
Heliothis zea, tomatoes 7043-7044
Heliothrips haemorrhoidalis
Cyclamen 4379
persimmons 8364
Heliotropium, as weeds, *Gladiolus* 9012
Heliotropium europaeum, plant, composition 554
Heliotropium ramosissimum, plant, composition 554
Helipterum roseum, plant, composition, anthocyanins 7096
Helix aspersa, *Citrus* 1414
Helleborus, plant, composition, lactones 1288
Helleborus foetidus
pollen, development, cytology 7950
seeds, treatment 1139
Helleborus niger, plant, composition, lactones 1288
Helleborus odorus
plant
composition
glycosides 8249
lactones 1288
Hellula undalis, Chinese cabbages 3323
Helopeltis antonii, cashews 4709-4710
Helopeltis schoutedeni, tea 10219-10220
Hemerocallis
cultivars, assessment, USA 7998
leaves, development, tissue culture 1140
reports, India 3022
Hemerocallis *cont.*
species, characteristics 1815
tissue culture, propagation, techniques 1140
Hemerocallis aurantiaca, cultivars, characteristics 1815
Hemerocallis fulva, cultivars, characteristics 1815
Hemiberlesia rapax
Actinidia chinensis 7586, 7588
Vaccinium corymbosum 7625
Hemidesmus indicus, plant, composition, essential oils 586
Hemileia vastatrix, coffee 1476, 3805, 6538, 10135
Hemitria, hosts, mandarins 9237
Hemizonia fasciculata
cultural methods
Mexico 3889
USA 3889
Hemsleya chinensis, plant, composition, saponins 6407
Hendersonia creberrima, mangoes 10162
Henequen (*see Agave fourcroydes*)
Heptaptera triquetra, plant, composition, coumarins 2789
Heptophylla picea, woody plants 2680
Heptothyrium pomi, persimmons 8363
Heracleum antasiaticum, plant, composition, essential oils 2738
Heracleum dissectum, plant, composition, essential oils 1751, 2738
Heracleum ponticum, plant, composition, essential oils 2738
Heracleum sphondylium, plant, composition, coumarins 2759

Herbicides
acifluorfen, injuries, strawberries 5097
aclonifen
injuries, vegetables 4139
tolerances, vegetables 4139
alachlor
application, container grown plants 472
injuries
radishes 5222
rubber 2954
strawberries 5097
responses, tomatoes 2519
tolerances
cardoons 954
peaches 5005
alloxydim, injuries, peas 7814
ametryn
injuries
pawpaws 697
Phaseolus vulgaris 8855
sugarcane 2969
tolerances
rubber 2954
sugarcane 2976
aminotriazole
tolerances
Agrostis capillaris 8011
Festuca nigrescens 8011
amitrole
physiology, pears 4029
tolerances, lawns and turf 1175
asulam, application, oil palms 1488
atrazine
injuries
Euphorbia lathyris 3727
lawns and turf 2635
benfluralin, injuries, *Festuca rubra* 7164
bensulide
injuries, *Poa pratensis* 7161
responses, lawns and turf 2634
tolerances, lawns and turf 7164
bentazone
injuries
peas 7814
Phaseolus vulgaris 7799
bromacil
injuries, pawpaws 697
responses, mandarins 1400
carbetamide, injuries, conifers 471
chloramben
application, container grown plants 472
injuries, rubber 2954

Herbicides *cont.*
chloramben *cont.*
responses, *Cucurbita maxima* 5239
tolerances, lawns and turf 7164
chlorotoluron, injuries, *Euphorbia lathyris* 3727
chlorsulfuron
injuries
container grown plants 9063
grapes 6824
woody plants 9063
tolerances, *Poa pratensis* 451
chlorthal-dimethyl
application, strawberries 890
injuries
annuals 6174
cauliflowers 252
Festuca rubra 7164
tolerances, peaches 5005
clopyralid, tolerances, peaches 5005
cyanazine, injuries, peas 7814
2,4-D
residues, sugarcane 711
tolerances, sugarcane 2976
dalapon
application, oil palms 1488
responses, raspberries 9544
desmetryn
injuries
cabbages 8801-8802
Chinese cabbages 251, 8804
tolerances, cardoons 954
dichlobenil
responses, raspberries 9544
tolerances
Leucadendron 5526
Vaccinium corymbosum 5079
dichlorprop, injuries, lettuces 6898
diclofop
injuries
container grown plants 9063
woody plants 9063
diclofop-methyl, injuries, sugarcane 7424
diethatyl, injuries, radishes 5222
dinitramine
injuries
melons 8827
watermelons 8827
dinoseb, tolerances, rubber 2954
diphenamid
injuries, annuals 6174
tolerances, rubber 2954
dipropetryn
injuries
melons 8827
watermelons 8827
diuron
injuries
Euphorbia lathyris 3727
pawpaws 697
Phaseolus vulgaris 8855
pumpkins 7774
sugarcane 1510
woody plants 7191
responses, peaches 3162
tolerances
peaches 5005
rubber 2954
sugarcane 2976
EPTC
application, *Phaseolus vulgaris* 2461-2462
injuries, rubber 2954
responses, *Phaseolus vulgaris* 2461-2462
ethalfluralin, injuries, cucumbers 5241
ethofumesate
injuries
Fatsia japonica 5374
Hydrangea macrophylla 5374
Poa pratensis 7164
swedes 4171
fenoxaprop
injuries
Eremochloa ophiuroides 1176
Poa pratensis 7162
fluazifop, residues, strawberries 6809
fluazifop-butyl, injuries, *Eremochloa ophiuroides* 1176, 2633
fluroxypyr, injuries, swedes 4171

Herbicides *cont.*
glyphosate
application
Citrus 625
oil palms 1488
tropical crops 2897-2898
injuries, conifers 470
residues
Actinidia chinensis 5306
Asparagus 5306
blackberries 5074
mushrooms 8918
responses
Cryptomeria japonica 9104
grapes 8701
Perilla frutescens 9104
tolerances
temperate fruits 49, 473
tropical crops 2897-2898
woody plants 473
haloxyfop, injuries, *Eremochloa ophiuroides* 1176
hexazinone
injuries
Calluna vulgaris 5374
sugarcane 7424
Vaccinium 4070
Vaccinium corymbosum 5079
tolerances, sugarcane 2976
HOE-A25-01, injuries, *Poa pratensis* 7164
imazaquin
injuries
vegetables 4140
woody plants 7191
lenacil
injuries
Fatsia japonica 5374
Hydrangea macrophylla 5374
Rhododendron simsii 5374
woody plants 471
responses
black currants 3191
Hippophae rhamnoides 3191
linuron
injuries
Anethum graveolens 8127
celery 404
onions 2360, 8750
tolerances, peaches 5005
metazachlor, injuries, strawberries 5911
methabenzthiazuron, tolerances, peaches 5005
methazole, responses, *Cucurbita maxima* 5239
metobromuron, responses, tomatoes 2519
metolachlor
injuries
Brassica 5211
Capsicum 5309
cucumbers 5309
radishes 5222
tomatoes 5309
responses, tomatoes 2519
metribuzin
injuries
carrots 5222
Phaseolus vulgaris 6961
responses
lawns and turf 2634
tomatoes 2519
metsulfuron
injuries
vegetables 4141
woody plants 7191
tolerances
Phaseolus coccineus 4141
Phaseolus vulgaris 4141
monolinuron, injuries, *Phaseolus vulgaris* 7799
MSMA
injuries
Festuca rubra 7164
rubber 2954
sugarcane 2965
napropamide
injuries
Brassica 5211
Gladiolus 5436
Poa pratensis 7164

Herbicides *cont.*
napropamide *cont.*
injuries *cont.*
strawberries 7643
responses, peaches 6751
tolerances, rubber 2954
naptalam, application, container grown plants 472
neburon, injuries, woody plants 471
nitrofen, tolerances, peaches 5005
oryzalin
injuries
Begonia semperflorens 6175
Coleus hybridus 6175
grapes 6824
rubber 2954
tolerances, peaches 5005
oxadiazon
injuries
conifers 471
Festuca rubra 7164
lawns and turf 452
responses, lawns and turf 2634
tolerances
lawns and turf 449
Leucadendron 5526
peaches 5005
oxyfluorfen
injuries
cauliflowers 252
garlic 3271
globe artichokes 7727
grapes 7671
tolerances
coffee 2914
peaches 5005
woody plants 471
paraquat
injuries, strawberries 146
physiology, pears 4029
pendimethalin
injuries
Lolium perenne 7164
radishes 5222
rubber 2954
perfluidone, injuries, rubber 2954
picloram
injuries
oil palms 2935
Pueraria phaseoloides 2935
prodiamine, injuries, lawns and turf 7164
prometryn
injuries
celery 404
pumpkins 7774
propachlor
application, container grown plants 472
injuries
carrots 5222
cauliflowers 252
radishes 5222
propyzamide, tolerances, woody plants 471
quizalofop
injuries
cucumbers 995
Eremochloa ophiuroides 1176
reviews, injuries, woody plants 5482
SC 1084, injuries, *Poa pratensis* 7164
simazine
application, grapes 3234
injuries
Calluna vulgaris 5374
Euphorbia lathyris 3727
Fatsia japonica 5374
Forsythia intermedia 7191
garlic 5171
Hydrangea macrophylla 5374
pawpaws 697
responses
black currants 3191
Hippophae rhamnoides 3191
mandarins 1400
tolerances
cardoons 954
Leucadendron 5526
rubber 2954
sources, *Illicium verum* 6335
sulfallate, injuries, radishes 5222

Herbicides *cont.*
sulfometuron, injuries, woody plants 7191
sulfometuron-methyl
injuries
container grown plants 9063
woody plants 9063
tebuthiuron
injuries, sugarcane 2977
tolerances
rubber 2954
sugarcane 2976, 2978-2979
terbacil
injuries
pawpaws 697
strawberries 7643
responses
mandarins 1400
peaches 3162
tolerances
rubber 2954
Vaccinium corymbosum 5079
terbumeton
application, grapes 3234
injuries, raspberries 5077
responses, peaches 6751
terbuthylazine
application, grapes 3234
injuries
Mentha piperita 8139
raspberries 5077
responses, peaches 6751
terbutryn
injuries, *Mentha piperita* 8139
tolerances, peaches 5005
thiobencarb
injuries
Gladiolus 5436
lettuces 964
radishes 5222
tridiphane, injuries, *Festuca rubra* 7164
trifluralin
application, strawberries 890
tolerances
peaches 5005
rubber 2954
Hernandia peltata, plant, composition, alkaloids 5609
Herniaria glabra
cultural methods, pot plants 6173
planting, spacing 10006
Herniaria polygama, plant, composition, flavonoids 6408
Hesperaloe funifera, chromosomes 2646
Heterocentron elegans, landscaping, slopes 7085
Heterodera carotae, carrots 8950
Heteropeza pygmaea, mushrooms 3463
Heterophragma quadriloculare, plant, composition, essential oils 1975
Heterorhabditis, control, of *Zeuzera pyrina,* apples 8535
Heterorhabditis heliothidis, control, of *Otiorhynchus,* ornamental plants 5376
Heterosporium allii, leeks 937, 3277
Heterotheca camporum, plant, composition 10046
Heuchera, cultivars, assessment, German Federal Republic 9787
Heuchera sanguinea, tissue culture, propagation, techniques 9813
Hevea (*see also* Rubber)
Hevea benthamiana, plant, composition 8415
Hevea pauciflora, plant, composition 8415
Hevea pauciflora* × *Hevea guianensis, plant, composition 8415
Hevea spruceana, plant, composition 8415
Hibiscus (*see also* Okras)
planting stock, production, containers 9064
reports, India 6615
***Hibiscus esculentus* yellow vein mosaic,** okras 2501
Hibiscus mutabilis, landscaping, urban sites 487
Hibiscus rosa-sinensis
breeding, Netherlands 7120
cultivars, characteristics, USA 7213
Hibiscus rosa-sinensis *cont.*
cultural methods, pot plants 2715, 7120, 8107
cuttings 7090
storage 8108, 9922
flowers, senescence 1888
landscaping, urban sites 487
plant, composition, esters 3603
planting stock, production, containers 7213
pollution, nitrogen oxides 6263-6264
Hibiscus sabdariffa
cut flowers, production, breeding 5523
plant, composition 559
Hibiscus syriacus
cuttings, types, summer cuttings 1849
landscaping, urban sites 487
Hieracium rubrum, cultural methods, pot plants 6173
Hieracium silvaticum, cultivars, assessment, German Federal Republic 9787
High density planting
cultivars
apples 4891, 7509, 8504, 9393
nectarines 4998
peaches 3141, 4998, 5000
cultural methods
apples 4880, 4926, 5850
cherries 4969
meadow orchards
apples 4891, 4924, 5845, 8504, 9409, 9422
Carica pentagona 6512
nectarines 5001, 8587
peaches 5000, 5002, 5013
nectarines 5878
peaches 5878-5879
pears 4926
plums 5893
economics
apples 5832, 5840, 5842
nectarines 4998
peaches 4998, 5880
tea 9300
harvesting, apples 820
light
apples 6702
peaches 5804
planting
planting stock, oranges 7325
systems, apples 4907-4908, 4923, 5839, 5845, 6631, 6702
pruning
apples 4891, 4914, 4921
peaches 5002
rootstocks
apples 4890
Citrus 7324
pears 4890
training, apples 4914, 4921
Hippeastrum
bulbs, production, cultural methods 7993
cut flowers, production, protected cultivation 414
diseases, *Stagonospora curtisii* 1164
pollen, ultrastructure 8466
reports, India 3022
salinity, responses 414
Hippophae
fruits, composition 2304
plant, development, phenology 2304
wild plants, surveys, China 6678
Hippophae rhamnoides
cultivars, assessment, Romania 7657
cuttings, rooting, cultural methods 8687
fruits
composition 5101, 7656, 9562-9563
development, physiology 3212
loosening, growth regulators 7655
harvesting, techniques, mechanical harvesting 6817
landscaping, industrial sites 3590
planting stock
defoliation 4434
production, techniques 8066
reviews 7654
seeds, composition 1239
taxonomy, nomenclature 4086
weed control 7594
Hippophae rhamnoides *cont.*
weeds, competition 3191
Holarrhena floribunda, plant, composition, alkaloids 2790
Holarrhena pubescens, plant, composition, alkaloids 2790
Holcus lanatus
as cover crops, temperate fruits 9333
as weeds
carrots 5354
lawns and turf 1175, 8011
growth retardation, growth regulators 8015
Hollies (*see Ilex*)
Holotrichia serrata, sugarcane 716
Homalomena lindenii, cultural methods, pot plants 2641
Homalomena occulta, plant, composition 3658
Homeogryllus reticulatus, oil palms 3818
Homona magnanima, tea 8431
Hoplolaimus galeatus
chrysanthemums 3490
lawns and turf 3552
Hoplolaimus indicus, Capsicum 3404
Hops
cones
biochemistry
nutrition 1271
temperature 1275
conferences 10
cultivars
assessment
German Federal Republic 4518
Romania 1269
biochemistry 7249-7250
characteristics 5553
German Democratic Republic 4520
diseases 5553, 7249-7250
cultural methods
Czechoslovakia 6343
mechanization 533
diseases
Gibberella pulicaris 7249-7250
Pseudoperonospora humuli 1269, 4523, 6344
Sphaerotheca macularis 1269, 6344
Verticillium albo-atrum 7249-7250
drying, equipment 4524
flowers
initiation
growth regulators 5377
photoperiodism 5377
handling, techniques 1274, 4525
harvesting, techniques, mechanical harvesting 1273
intercropping, *Dioscorea deltoidea* 8226
irrigation, systems 5555
nutrition
copper 5556
green manures 534
magnesium 1272
manures 4522, 9956
nitrogen 535, 1271, 4521-4522, 9956
phosphorus 4522, 9956
potassium 1270, 1272, 4522, 9956
zinc 5556
packing, equipment 537
pests
biological control, books 8439
Myzus persicae 1271
plant
composition
essential oils 538
flavonoids 536
oils 4526
development, light 9957
sex, physiology 1552
production
energy conservation 533, 6343
USA 4519
pruning, systems, mechanical methods 532
reports, UK 3025, 4825
sets, cultural methods 531
soil management, systems 5554
storage, physiology 4525
training, responses 9956

Hops *cont.*
weed control 532
Horseradish (*see Armoracia rusticana*)
Horticultural crops
characteristics, West Africa, books 4795
cold, resistance, biochemistry 9371
cultivars, nomenclature 6636
cultural methods
arid regions 7463
mechanization, books 3868, 4794
cuttings, rooting, histology 1556
diseases
biological control 5820
control 8490
conferences 7450
disorders 764
drying, energy requirements 6677
frost
injuries, surveys 5808
protection
fog 751
irrigation 752
glossaries 1527
handling, techniques, books 1526, 2110
harvesting, techniques, mechanical harvesting 44
insecticides, determination 2142
irrigation
fertilizers, application 7464
systems 1538, 3897-3901, 4841
leaves, spectral data 2126
mulching, materials 4842
new journals 2104
Colombia 5789
South Africa 3861
nomenclature, West Africa, books 4795
nutrients
absorption, growth regulators 9425
requirements, analysis 6654
nutrition
boron 5818
manures 5811
nitrogen 31
potassium 31
packing, techniques, books 2110
pesticides, application 1545
pests
control 8490
books 736
conferences 7450
surveys, India 762
plant
composition 6655
copper 6626
nitrates 3027
oxalates 45
development, stresses 3896
planting stock, production, techniques 3894
production
Africa, conferences 738
Mauritius 17
propagation, equipment 749, 3894
protected cultivation
carbon dioxide 26
cultural methods, Italy, reviews 2124
economics 35
energy conservation 2133
high altitudes 3904
soilless culture 6656
systems
design 6592
plastic tunnels 35, 1541
reports
Argentina 741
Australia 6607
India 6615
Norway 745
South Africa 6620
UK 9319
research, Tuvalu 3888
salinity, responses 5818
seedlings
production
light 2136
mechanization 8468
seeds
germination
ethylene 3031

Horticultural crops *cont.*
seeds *cont.*
germination *cont.*
tests 3892
sowing, equipment 1553
viability, biochemistry 7473
shade, responses 7463
soil heating, equipment 3033
soilless culture
growing media 6656
nutrition 4862
storage
buildings 6592
systems
assessment, books 2110
controlled atmosphere storage 4874
surveys, Brazil 8461
tissue culture
metabolites, production 9373
propagation, protoplasts 2130
transpiration, physiology, reviews 2144
water relations
growth regulators 9369
measurement, reviews 3071, 3909
weed control 8490
wild plants, surveys, Australia 4830
Horticulture
books 6596
buildings, books 6592
history
German Democratic Republic, books 3867
German Federal Republic, books 3867
research, directories 9305
Hosta, plant, composition, cytotoxic compounds 9996
Hosta plantaginea, plant, composition 1290
Houttuynia cordata, flowers, morphology 8992
Hovenia, wild plants, surveys, China 6678
Howeia forsteriana
cultural methods, pot plants 413
reports, Australia 6607
Hoya australis, photosynthesis, CAM pathway 7491
Hoya carnosa
leaves, histology 9923
photosynthesis, CAM pathway 7491
Huckleberries (*see Vaccinium*)
Humidity
responses
Begonia cheimantha 7963
cucumbers 5252
greenhouse crops 9790
Litchi 10099
Schefflera arboricola 4421
tomatoes 5328, 9745
Humulus (*see also* Hops)
Hungary
apples
cultural methods 799
pests, control 4932
Capsicum
cultivars 1725, 8892, 8894
cultural methods 9728-9729
Catharanthus roseus, cultural methods 8199
celeriac, cultivars 1750
fungi, production 1753
garlic, cultivars 2353
grapes, cultivars 4099, 6818, 9568
horticultural crops, cultivars 20
kohlrabi, cultivars 4169
melons, cultural methods 9674
peas, cultivars 1036, 4248, 5284
Phaseolus vulgaris, cultivars 5262, 6038
Pleurotus ostreatus, production 1760
pumpkins, cultivars 8819
raspberries, cultivars 9540
Rubus, cultivars 9540
strawberries, cultivars 6799, 9555
watermelons, cultural methods 9674
Hunteria umbellata, seeds, composition 7284
Huperzia serrata, plant, composition, alkaloids 7285

Hyacinthoides non-scripta, flowers, colour, biochemistry 9791
Hyacinths
bulbs
production, cultural methods 7993
storage 2617
cultivars
biochemistry 3523
diseases 1153
forcing 2617
propagation 3523
cultural methods, pot plants 9016, 9833
diseases
viruses 4376
Xanthomonas campestris pv. *hyacinthi* 1153
growing media, composition 9016
pollen, ultrastructure 8466
reports, Netherlands 14
tissue culture, propagation, techniques 1807, 9832
Hyadaphis coriandri, Coriandrum sativum 8121
Hyadaphis tataricae, Lonicera tatarica 6316
Hydnocarpus anthelmintica, seeds, composition 1942
Hydrangea
cultural methods, pot plants 3577
drought, injuries 2677
growth regulators, paclobutrazol, responses 7894
photoperiodism 9074
Hydrangea arborescens, cuttings 5514
Hydrangea macrophylla
cultural methods, pot plants 7192, 8067
flowers, colour, biochemistry 481
frost, injuries 411
herbicides, injuries 5374
plant
composition, flavonoids 9089
development, phenology 9089
tissue culture, propagation, techniques 9895
Hydrangea paniculata, planting stock, production, techniques 8066
Hydrocarbons
composition
Aloysia gratissima 7238
Ocimum americanum 4512
Ruellia tuberosa 9194
determination, *Guatteria gaumeri* 1974
sources, surveys, USA 4610
taxonomy, *Lycopersicon* 7871
Hydrogen fluoride, toxicity, grapes 6823
Hydrophilic polymers
utilization
growing media
Citrus 1403
container grown plants 7091
pot plants 6173
tomatoes 9743
Hydrotropism, peas 2487
Hymenocallis
bulbs, production, cultural methods 9843
cultural methods 9852
Hymenocallis festalis, cultural methods 9853
Hymenoclea salsola, plant, composition, lactones 549
Hymenoptera, control, of *Conopomorpha cramerella,* cocoa 7401
Hyoscyamus, plant, composition, alkaloids 5568
Hyoscyamus albus, tissue culture, metabolites, production 8250
Hyoscyamus bohemicus, tissue culture, metabolites, production 8250
Hyoscyamus canariensis, tissue culture, metabolites, production 8250
Hyoscyamus gyorffi, tissue culture, metabolites, production 8250
Hyoscyamus muticus
nutrition, nitrogen 587
tissue culture, metabolites, production 8250-8251
Hyoscyamus niger, tissue culture, metabolites, production 8250, 8252
Hyoscyamus pusillus, tissue culture, metabolites, production 8250

Hypecoum procumbens, plant, composition, alkaloids 8253
Hypericum
cuttings, types, summer cuttings 6284
planting stock, production, containers 9092
Hypericum calycinum
mulching
materials 2678
responses 2678
Hypericum perforatum
plant
biochemistry 2791
composition
flavonoids 5579
tannins 5610
Hypericum triquetrifolium, plant, composition 554
Hyperomyzus lactucae, lettuces 6903
Hyphantria cunea
mulberries 8575
woody plants 9065
Hypocryphalus mangiferae, mangoes 6543
Hypoestes phyllostachya, cultural methods, pot plants 3502
Hypoxis nyasica, plant, composition 3650
Hypoxis rooperi, tissue culture, propagation, techniques 10007
Hypoxylon serpens, reports, UK 3025
Hyptis suaveolens, plant, composition, essential oils 506
Hyssopus officinalis, plant, composition 2023
Iberis amara, plant, composition 9138
Icacina mannii, plant, composition, terpenoids 588
Ilex
cultivars
characteristics 2684
nutrition 6294
fruits, colour, cultivars 2684
pests, *Phytomyza ilicis* 9073
Ilex aquifolium
growing media, composition 410
plant, composition, terpenoids 480
Ilex aquifolium* × *Ilex cornuta, planting stock, production, techniques 4444
Ilex aquifolium* × *Ilex rugosa, cultivars, characteristics 8065
Ilex aquipernyi
characteristics 5492
cultivars, temperature 6293
Ilex cornuta
leaves, composition 4569
planting stock, production, techniques 4444
Ilex cornuta* × *Ilex rugosa, cultivars, temperature 6293
Ilex crenata
heat, resistance, physiology 6295
planting stock, production, containers 7471, 8060
seeds, germination 1856
Ilex meserveae, cultivars, temperature 6293
Ilex opaca
cultivars, temperature 6293
leaves, size, light 2685
Ilex serrata, seeds, germination 1857
Ilex vomitoria, heat, resistance, physiology 6295
Illicium anisatum, characteristics 4466
Illicium floridanum, characteristics 4466
Illicium parviflorum, characteristics 4466
Illicium verum
fruits, composition 6335
plant, composition, essential oils 3628
Impatiens
cultivars, assessment, German Federal Republic 5417
cultural methods, pot plants 1123, 6173, 6178
flowers
development 1791
initiation
growth regulators 5377
photoperiodism 5377
hybrids, cytology 7951
seedlings
production, cultural methods 7943
treatment, antitranspirants 5416
Impatiens *cont.*
shoots, development 1791
Impatiens balsamina
cuttings 3508
diseases, biological control 6180
flowers
initiation 6223
growth regulators 7952
photoperiodism 7952, 9814
herbicides, injuries 6174
leaves
biochemistry
growth regulators 4367
photoperiodism 4367
plant, composition, lipids 5822
seedlings, development, physiology 9815
Impatiens gordonii, taxonomy, cytotaxonomy 7951
Impatiens usambarensis, taxonomy, cytotaxonomy 7951
Impatiens walleriana
chromosomes 2597
cultivars
assessment 2598
German Federal Republic 3509
leaves, abscission, physiology 5418
nutrition 8984
planting stock, production, techniques 1763
seedlings
production
diseases 430
growing media 430
taxonomy, cytotaxonomy 7951
Imperata cylindrica
as weeds
oil palms 1488, 2932-2933, 2936
tropical crops 2897
Indarbela quadrinotata, *Ziziphus mauritiana* 3005
India
Areca, economics 1448
aubergines, cultivars 4300
avocados, cultural methods 4621
Capsicum, cultivars 3398
cashews, cultivars 4689
cauliflowers, cultivars 969
Chinese cabbages, cultivars 1693
Citrus
books 5
diseases, control, books 3870
coffee
cultivars 7403
cultural methods 4735
Coriandrum sativum, cultural methods 8120
Cymbopogon, cultural methods 8131
dates
cultivars 7363
economics 7362
Duboisia myoporoides, cultural methods 5599
essential oil plants, cultural methods 3625
Eucalyptus citriodora, cultivars 1909
grapes
cultivars 5118
nutrition, surveys 3238
research, reviews 151
horticultural crops, pests, surveys 762
Ipomoea aquatica, cultivars 5365
medicinal plants, surveys 2760-2761, 5569-5570, 5577, 8162
Mentha piperita var. *citrata,* cultural methods 1911
Mentha spicata
cultivars 1912
cultural methods 1913
oranges, cultivars 5661
ornamental plants, diseases 2574
peaches, cultivars 4012
peas, cultivars 1717
Piper betle
cultivars 2033-2034, 2821
cultural methods 2819, 2823
production 2820
plums, cultivars 4042
pomegranates, cultivars 1440
spinach, cultivars 5976
strawberries, cultivars 887
India *cont.*
sugarcane
cultivars 1506, 2957, 8420
production 700
research 5763
tea, cultivars 6581
vegetables, cultural methods 1072
Vicia faba, cultural methods 1028
Volvariella diplasia, cultural methods 2569
Withania somnifera, cultural methods 4598
Zingiber officinale, cultural methods 7233
Indigofera articulata, cultural methods 9126
Indigofera tinctoria, cultural methods 9126
Indoles
characterization
Strychnos erichsonii 5637
Tabernaemontana elegans 8298
composition
Leuconotis 8313
Monodora myristica 5615
Indonesia
apples
cultural methods 816
production 783
cocoa, cultivars 4724, 6526
garlic, production 8735
medicinal plants, surveys 9967
oil palms, nutrition, surveys 2937
Volvariella volvacea, cultural methods 8969
Industrial crops, reviews 9932
Industrial wastes
utilization
fertilizers
apples 4929
coffee 1473
lawns and turf 9029
growing media
Gerbera 7115
pot plants 418
vegetables 4142
woody plants 3590
nutrition
hops 535
lettuces 6900
soil amendments
Phaseolus vulgaris 5269
tomatoes 8938
Inflorescences
abscission, physiology, poinsettias 7193
biochemistry
nutrition, hops 1271
temperature, hops 1275
development
cultural methods, broccoli 5215
growth regulators
Kalanchoe 1196
oil palms 5753
Inopus, reports, Australia 4816
Insect attractants
composition, *Ophrys* 7179
sources
Cayaponia tayuya 3726
Lagenaria siceraria 3726
Tetradium daniellii 7307
Insect repellents
sources
Andrographis paniculata 542
Asphodelus tenuifolius 7251
chicory 235
Derris robusta 541
Eupatorium trapezoideum 5602
Kaempferia galanga 543
Pongamia pinnata 541-542
Tephrosia purpurea 541
Tithonia diversifolia 8153
Insecticidal properties
Annona 543
Aphanamixis polystachya 1924
apples 1582
Azadirachta indica 540, 543-546, 1924, 2753, 3491, 4527, 6203, 8149
Blechnum minus 7253
Calotropis procera 2754
Calpurnia aurea 7254
Chrysanthemum coronarium 247

Insecticidal properties *cont.*
chrysanthemums 543
Cistus incanus 2752
coconuts 539, 5558, 8149
Erodium cicutarium 2752
garlic 543
Geranium viscossisimum 2752
Hymenoclea salsola 549
Koelreuteria apiculata 492
Lonchocarpus salvadorensis 1926
Nymania capensis 1924
oil palms 5558, 8149
Parthenium hysterophorus 549
Piper nigrum 5557
Polyscias guilfoylei 550
Pongamia pinnata 540, 2753, 5557
Quercus gambelii 2752
Ryania speciosa 2756
Sambucus racemosa 5564
Silene scabrifolia 8151
Syzygium aromaticum 5557
Tamarix chinensis 2752
Tephrosia elata 3656
Tephrosia maxima 3657
Torilis scabra 1280
Insecticides
aldicarb, application, *Phaseolus vulgaris* 2461-2462
azinphos-methyl
residues
apples 3110
dates 10095
carbaryl
residues, aubergines 7006
responses, pecans 5062
carbofuran
application
Phaseolus vulgaris 2461-2462
radishes 6008
residues, radishes 5224
chlorpyrifos, residues, dates 5720
cypermethrin
residues
apples 3110, 3961
aubergines 7851
deltamethrin
residues
apples 3110, 3961
aubergines 7851
demeton, residues, *Asparagus* 1723
demeton-S-methyl, residues, cauliflowers 980
dieldrin, residues, radishes 5224
diflubenzuron, application, horticultural crops 32
dimethoate, application, oranges 6484
disulfoton
injuries, lemons 2866
residues, *Asparagus* 1723
endosulfan, application, cashews 4710
ethylene dibromide, injuries, *Citrus* 644
fenamiphos, injuries, lemons 2866
fenthion, application, olives 2890
fenvalerate
residues
apples 3110, 3961
aubergines 7851
responses, pecans 5062
heptenophos
residues
Anethum graveolens 3263
vegetables 3263
lindane, responses, sugarcane 712
methamidophos
residues
Asparagus 1723
cauliflowers 6924
methidathion, residues, figs 4977
methomyl, responses, peaches 9493
methyl bromide
injuries
Asparagus 2500
cut flowers 7896
responses, tomatoes 7049
monocrotophos, responses, okras 3394
oxamyl, injuries, lemons 2866
oxydemeton-methyl, residues, *Asparagus* 1723
parathion, responses, peaches 9493
Insecticides *cont.*
permethrin
residues
apples 3110, 3961, 7540
aubergines 7851
radishes 5224
phorate, responses, sugarcane 712
pyrethroids, determination, horticultural crops 38, 2142
triazophos
residues
Anethum graveolens 3263
vegetables 3263
trichlorphon, responses, apples 3965
Integrated control
Anthomyiidae, cauliflowers 979
diseases, woody plants 3570
Liriomyza trifolii, container grown plants 7897
Lobesia botrana, grapes 5942
Oryctes rhinoceros, coconuts 8389
Panonychus ulmi, apples 5855, 9444
Perileucoptera coffeella, coffee 684
pests
Actinidia, reviews 7490
almonds, books 8438
apples 3108, 3955, 8500, 9436
avocados, reviews 7490
Brassica, books 8441
Citrus 5697, 8334
reviews 8333
fruit crops 8443-8444
grapes 8444
greenhouse crops 2346
lettuces, books 8441
Macadamia, reviews 7490
mangoes, reviews 7490
medicinal plants 8445
melons 6025
olives, conferences 4806
ornamental plants 8445
Palmae, books 6597
palms, biological control, *Oryctes monoceros*, Palmae 0Cviruses, control, of *Oryctes monoceros*, Palmae 7Zbooks 6597
pears 8500
pot plants 3474
subtropical fruits, reviews 6476
vegetables 2345, 8445
woody plants 3570
Tetranychidae, grapes 5941
Tetranychus urticae
raspberries 4062
strawberries 2300
Tortricidae, apples 5856
Toxoptera aurantii, feijoas 6499
Intercropping
Amaranthus 4477
Areca 4490
bananas 4730, 6530
beetroots 4477
cabbages 978, 6969
Capsicum 10179-10180
cashews 10133
cocoa 3790, 4730, 6527, 6530, 10133
coconuts 3790, 3800, 4727, 4730, 6527, 10133
coffee 3800, 8392, 10142
Cordia alliodora 10142
Coriandrum sativum 4477
Crataegus pubescens 130
Curcuma longa 4477
Cymbopogon winterianus 3625
Dioscorea deltoidea 8226
Erythrina poeppigiana 10142
Eucalyptus citriodora 3625
hops 8226
Lilium 7990
Mentha arvensis 3625
Mentha piperita 3625
okras 705, 1051, 4477, 6572, 10179-10180
onions 4477
oranges 3800
Paullinia cupana 10133
Phaseolus vulgaris 3834, 4477, 8854-8855
pineapples 10179-10180
Piper methysticum 4727
Piper nigrum 4727, 10133
Intercropping *cont.*
radishes 4477
rubber 4773, 6530
sugarcane 705, 707, 3834, 6571-6572, 8854-8855, 10193
Syzygium aromaticum 3854, 9935, 9940
tea 3800, 3854, 9935, 9940
tomatoes 2522, 10179-10180
Trigonella foenum-graecum 4477
tulips 7990
vegetables 3257
Vicia faba 6967, 6969
Zingiber officinale 4490
Interstocks
apples 71, 793-794, 7514-7516, 8515, 9401, 9404, 9413
apricots 9378
cherries 9477
Citrus tamurana 10064
lemons 7323, 7339
peaches 9378
pears 5035-5036, 9413
plums 6765, 9378
satsumas 10064
temperate fruits 1559
Inula cuspidata, plant, composition, essential oils 7286
Inula racemosa, roots, composition 1976
Inula viscosa
plant
composition
flavonoids 1977
terpenoids 1978
Iodine, nutrition, grapes 2314
Ipomoea *(see also Pharbitis)*
as weeds
rubber 2953
sugarcane 2973
Ipomoea acuminata, as weeds, sugarcane 1509
Ipomoea aquatica
cultivars, characteristics, India 5365
harvesting, techniques, assessment 6165
nutrition, nitrogen 6165
plant, composition, phenolic compounds 9184
planting, spacing 6165
soilless culture, systems, hydroponics 5960
Ipomoea aristolochiaefolia, as weeds, sugarcane 1509, 2970
Ipomoea bahiensis, plant, composition, glycosides 6409
Ipomoea batatas
leaves
biochemistry, cultural methods 8955
composition 8956
Ipomoea cardiophylla, seeds, composition 9209
Ipomoea dichroa, plant, composition 5611
Ipomoea hederacea, as weeds, *Capsicum* 6090
Ipomoea tricolor, diseases, biological control 6180
Ipomopsis aggregata, plant, composition, cytotoxic compounds 3668
Iran, medicinal plants, surveys 8160, 8166
Iresine herbstii, plant, composition 7847
Iridaceae
books 4799
plant, composition, phenolic compounds 9785
taxonomy, chemotaxonomy 9785
Iridoids
characterization
Argylia radiata 4543
Centaurium linarifolium 3675
Rehmannia glutinosa 9192-9193
Sambucus ebulus 5630, 10030
Swertia japonica 1369
Verbascum 2015
Viburnum japonicum 6325
composition
Abelia 488
Argylia radiata 8181
Barleria lupulina 6369
Buddleja 1307
Cistanche salsa 1952
Desfontainia spinosa 9170
Gentiana lutea 527, 5605

Iridoids *cont.*
composition *cont.*
Harpagophytum procumbens 1332-1333
Iris hookeriana 1810
Lamiastrum galeobdolon 9186
Lamium amplexicaule 7289
olives 5725
Swertia japonica 7301, 9202
Tabernaemontana coronaria 1370
Teucrium polium 8301
Verbena officinalis 5644
Vitex agnus-castus 4470
determination
Coutoubea spicata 579
Galium 9177
Gentiana 1329
Gentiana lactea 579
Iris
breeding 4387
interspecific hybridization 5439
techniques 1154, 5439
bulbs
storage
biochemistry 6240
ethylene 6239
temperature 6239-6240, 9835
cultivars
cut flowers 1145, 9835
protected cultivation 4390
cut flowers
economics, Italy 4386
handling 7992, 9837
pests 7896
production
cultural methods 1145, 7979, 9835
protected cultivation 4388-4390
diseases
control 7979
Italy 5440
Erwinia carotovora 1155
viruses 4376
disorders, bud blast 4391
flowers, initiation, physiology 6240, 7980
forcing 6239
hybrids
characteristics 9017
taxonomy 9017
leaves, anatomy 439
pests, control 7979
plant
composition
growth regulators 4391
phenolic compounds 9785
protected cultivation, temperature 9836
reports
Netherlands 14
UK 4824
respiration, biochemistry 7981
seeds, production, cultivars 1154
taxonomy, morphology 439
Iris cristata, characteristics 1809
Iris dichotoma, cultural methods 6238
Iris douglasiana, hybrids, propagation 1808
Iris elegantissima, wild plants, utilization, ornamental plants 7086
Iris ensata, chromosomes 5439
Iris germanica, cultivars, assessment, Czechoslovakia 9834
Iris hookeriana, plant, composition, iridoids 1810
Iris innominata, hybrids, propagation 1808
Iris lacustris, characteristics 1809
Iris laevigata* × *Iris ensata, tissue culture, propagation, embryos 4387
Iris missouriensis
plant
composition
quinones 2618
terpenoids 6410, 10008
Iris munzii, hybrids, propagation 1808
Iris paradoxa, wild plants, utilization, ornamental plants 7086
Iris pseudacorus, chromosomes 5439
Iris pseudacorus* × *Iris ensata, chromosomes 5439
Iris tenuis, characteristics 1809
Iron
absorption
bananas 10124
Cucurbitaceae 3344
tomatoes 9754
woody plants 3590
composition
Amaranthus hybridus 2557
apples 3098
Citrullus colocynthis 6035
Citrus 4668
grapes 177
Grevillea 8106
Gynandropsis gynandra 2557
Ipomoea batatas 8955
oranges 9229
pears 4030
Perilla frutescens 5366
rhubarb 344
Solanum nigrum 2557
tropical fruits 7383
vegetables 3266, 7694
deficiency
apples 3951, 5853, 9435
Asparagus 6981
Caladium 6272
Citrus 4643
Gerbera 1772
grapes 3242
reviews 3241
lemons 627, 7340
mandarins 5692
ornamental plants 9789
Paullinia cupana 2028
pawpaws 5756, 8409
peaches 844, 3152, 9492
pears 9435
persimmons 8363
Phaseolus vulgaris 4211, 9703-9705
poinsettias 1862
Quercus palustris 5530
quinces 9527
sugarcane 7434
temperate fruits 6685
tomatoes 369
determination
fruit crops 3920
horticultural crops 8496
lettuces 3920
fertilizers
application, *Tilia platyphyllos* 7224
assessment
Capsicum 5961
container grown plants 7091
cucumbers 5961
lemons 7341
tomatoes 5961
Vaccinium corymbosum 7614
metabolism
biochemistry, apples 81
boron, tomatoes 7038
cadmium, peas 3274
flowering, *Citrus* 7357
manganese, tomatoes 7038
molybdenum, cauliflowers 6921
nitrogen
cucumbers 2429
grapes 6825
tomatoes 7031
phosphorus
apples 5853
pecans 8610
tomatoes 4319, 9753
physiology
Phaseolus vulgaris 4210
Vicia faba 4210
potassium
grapes 6835
tomatoes 369
ripening, grapes 6846
rootstock scion relationships
Citrus 6463
peaches 4993
salinity
guavas 2084
Phaseolus vulgaris 2464
seasonal variation
cherries 3998
peaches 6753
persimmons 6510
Iron *cont.*
metabolism *cont.*
soil pH, *Vaccinium corymbosum* 5081-5082
nutrition
apples 9434
Capsicum 6993
Citrullus vulgaris var. *fistulosus* 268
cucumbers 267, 8837
Cucurbita pepo 4193
Datura metel 9998
Erica darleyensis 5490
foliage plants 8043
grapefruits 4636
grapes 178
lemons 7339
mandarins 5692
oranges 7358
peaches 5016, 9492
peas 6974
Phaseolus vulgaris 9700-9701
radishes 2406
rubber 6560
sugarcane 713, 4788, 9293
tea 6582
tomatoes 4319, 9752-9753
vegetables 1658
Vicia faba 2473
woody plants 9368
requirements
analysis
bananas 8379
cherries 3997
Citrus 7332
grapes 3238
peaches 6752
plums 9524
sugarcane 3837
assessment, lemons 7338
toxicity
Brassica chinensis 2408
Pelargonium 6213
watercress 2408
translocation, grapes 5140
Irradiation
gamma radiation
aubergines 6087
Capsicum 6087
cherries 7562
cut flowers 7896
Dioscorea floribunda 5598
garlic 6861, 7700
grapefruits 5711
mushrooms 7079
oranges 7360-7361
peaches 7572
plums 4040
roses 6302
Roystonea regia 10039
spice plants 5533
strawberries 8685
tea 3853
tropical fruits 3816
Zinnia elegans 9007
ionizing radiation
Arctostaphylos uva-ursi 9980
horticultural crops, reviews 6674
laser radiation
Nepeta cataria 5548
Phaseolus vulgaris 9670
radishes 9670
roses 1228
microwave radiation, horticultural crops 7474
X radiation
chrysanthemums 7106
Gerbera 1769
roses 5509
Irregular bearing
biochemistry, olives 2065
cultivars
apples 7507
Citrus 4660
Citrus latifolia 4661
grapefruits 6485
lemons 4661
cultural methods, apples 3103, 4943-4944
growth regulators, apples 817, 3966, 4942, 9466

Irregular bearing *cont.*
nutrition, oranges 7358
physiology
apples 9467
olives 8356-8357
pollination, apples 4942
pruning, apples 4942-4943, 9466
thinning, persimmons 4680
Irrigation
carbon dioxide
application
chrysanthemums 6199
Cyclamen 6233
lettuces 6303
pot plants 6178, 6262
roses 6303
economics
apples 3942
aubergines 349
bananas 5739
coffee 10143
grapefruits 5678
equipment
Citrus 2048, 4639
container grown plants 9329
fruit crops 4843
greenhouse crops 9329
horticultural crops 752
temperate fruits 6684
fertilizers
application
almonds 4888
apples 6700
aubergines 5312
bedding plants 7095
Capsicum 5312, 6092
cherries 4971
chrysanthemums 6199
Cyclamen 1802-1803
grapes 5133
hops 5555
horticultural crops 4841
reviews 7464
lettuces 5200
melons 5246-5247
nectarines 5014
oranges 2047, 10070
ornamental plants 3468
peaches 6753
pecans 5057, 5059
pot plants 6262
strawberries 4078
tomatoes 359, 361, 5312, 5330
vegetables 7095
frequency
Aphelandra 9042
apples 3102
Begonia hiemalis 9042
Citrus 1403
lemons 6481
Phaseolus vulgaris 2463
Rhododendron 1867
strawberries 2292
tomatoes 5331-5333
fungicides, application, strawberries 4078
growth regulators, application, pot plants 2704
insecticides, application, pecans 5059
pesticides
application
grapes 5133
strawberries 4078
requirements
determination
almonds 1563
apples 2175, 7523, 7543, 9414
bananas 8376
Capsicum 3402
celery 241, 9649
Citrus 6627
coffee 9267
Gladiolus 7973
greenhouse crops 360
horticultural crops 3071
lawns and turf 1177, 9027
lettuces 241, 9649
oranges 2848, 5681
Parthenium argentatum 5652, 8315
peaches 106, 5009

Irrigation *cont.*
requirements *cont.*
determination *cont.*
Phaseolus vulgaris 6041
pistachios 5065
Pyracantha coccinea 6322
strawberries 147
sugarcane 2980-2981, 8423-8424
tea 724
tomatoes 1537, 3424
Vicia faba 3369
responses
Agave vilmoriniana 5466
almonds 4886
apples 2174, 2176, 3112, 3942, 4911, 9382
apricots 2849, 3981
Asparagus 3391
aubergines 351, 2509
avocados 5658
bananas 6520
beetroots 3275, 3295
black currants 7596
blackberries 138
cabbages 3275, 3321
Callistephus chinensis 6221
Capsicum 1074, 5243, 5311
carnations 2577
carrots 5355
celery 7886
cherries 3135
chrysanthemums 5388, 6197
Citrus 635, 641, 2045, 5679, 10071
coffee 2916, 6536, 10143
Coriandrum sativum 8120
Ctenanthe oppenheimiana 9039
cucumbers 8828
Cucurbita moschata 3342
Cyclamen 1803
Datura candida 9997
garlic 5174
grapefruits 1404, 4640, 5678
grapes 173, 910, 912-913, 1644, 2331-2332, 3235-3236, 5126, 5128-5130, 5132, 5928, 8699, 8708, 9572
Jasminum grandiflorum 4506
lawns and turf 1178, 1820-1821
leeks 3275-3276
lemons 2872
limes 5702
Luffa aegyptiaca 271
mandarins 626
melons 1074, 3341, 4191, 5243, 6020, 6939
Mentha piperita 523
onions 939-940, 6871, 8754, 8759-8760, 9617
oranges 1402, 2044, 2046-2047, 2846, 2849, 4641, 5677, 5680, 7327
Parthenium argentatum 610, 1387, 5650-5652, 8314
reviews 3728
passion fruits 10108
peaches 109, 3153, 4018, 5006, 5008
pears 3169-3170, 5037
peas 5286-5288
pecans 5057
persimmons 10110
Phaseolus vulgaris 7802
pineapples 1499, 8414
plums 2262
radishes 258
Raphia 5654
rubber 2091
Simmondsia chinensis 4607, 10040
squashes 5242
strawberries 2291-2292, 6810, 8663
sugarcane 3839, 5767, 5769-5770, 6570, 6575, 7433, 8418, 9292
temperate fruits 2156
tomatoes 1074-1075, 4314-4316, 5331, 5352, 7052
Vaccinium corymbosum 9550
Vicia faba 4227
Zingiber officinale 7233
systems
Actinidia 4053
Actinidia chinensis 9531

Irrigation *cont.*
systems *cont.*
almonds 4886-4887
apples 3941, 4913, 6700
apricots 3981
bananas 5738-5739, 6520
Capsicum 5310
chrysanthemums 3488
Citrus 2045, 2850, 4639, 5679
coconuts 5742
coffee 9267
container grown plants 3577, 9062
cucumbers 2426, 8828
Cyclamen 1803, 4380
grapefruits 4640, 5678
grapes 912-913, 3230, 4109, 5129-5132, 8700, 9572
hops 5555
horticultural crops 1538, 3897-3901, 4841
lawns and turf 3548, 9027
lemons 9224
limes 5702
Macadamia 5766
mandarins 1401
melons 4191, 6020, 6939
onions 940, 5179
oranges 1402, 2044, 2046-2047, 5677, 5680, 10070
ornamental plants 3467
peaches 4018, 5006-5008
pears 3941, 5037
pineapples 5766
plums 2262
pot plants 4378, 5429, 9037
squashes 5242
strawberries 4078, 8669
sugarcane 709, 5766-5768, 5770
temperate fruits 4881, 6684
tomatoes 1075, 2520, 5331-5334, 8919
Vaccinium 7616
vegetables 1655, 3258-3259
Ziziphus mauritiana 4791
water
composition
chrysanthemums 3489
roses 9908
tomatoes 3425
Zinnia elegans 3489
pH
greenhouse crops 4846
Petunia 8987
tomatoes 8987
Vaccinium macrocarpon 7620
salinity
avocados 5657
Azadirachta indica 6305
bananas 8377
Capsicum 8482, 9605
carrots 9605
garlic 4145
grapes 919
greenhouse crops 4846
lawns and turf 3548
lettuces 8789
Melia azedarach 6305
oranges 2049, 8329
ornamental plants 414
Parthenium argentatum 9605
pecans 9514
Phaseolus vulgaris 7796
pomegranates 8365
tomatoes 7020, 9605
Vaccinium ashei 8645
vegetables 6854
sources
container grown plants 7094, 7207
foliage plants 8030
greenhouse crops 4846, 9338
horticultural crops, conferences 6606
onions 5179
peaches 3150
temperate fruits 6684
vegetables 6853
woody plants 5483
Isatis indigotica, plant, composition, pigments 6330

Isocarpha oppositifolia, plant, composition, lactones 4570
Isoplexis chalcantha
plant
composition
alcohols 9185
glycosides 3687
Israel
avocados, cultivars 8318, 10050-10051
bananas
cultivars 1449
cultural methods 6518
blackberries, cultivars 2279
Cucurbita pepo, cultivars 2412
grapefruits, pests, control 2053
grapes, cultivars 8693
Lachenalia, species 7155
marrows, cultivars 4186
Pelargonium graveolens, cultural methods 5549
raspberries, cultural methods 7607
Italy
Actinidia chinensis
cultural methods 871, 1623
research, reviews 5070
almonds, production 779
apples
cultivars 786, 9392
cultural methods 3941
production 4890
Artemisia genipi, cultural methods 2735
Artemisia mutellina, cultural methods 2735
Asparagus, cultivars 2494
avocados, cultural methods 6455
Capsicum, cultivars 1056, 8910
Carica pentagona, cultural methods 1524
cauliflowers, cultivars 5207-5208
cherries, cultivars 3134
chicory, cultural methods 8779
cut flowers
production
Iris 4386
Ranunculus 4386
protected cultivation 6625
fruit crops, cultivars 776
garlic, production 8736
grapes
cultivars 155, 157, 897-898, 5922, 7663
cultural methods 1637, 5110
rootstocks 160
horticultural crops, protected cultivation, reviews 2124
Iris, diseases 5440
medicinal plants, surveys 6348
nectarines, cultivars 4984
okras, cultural methods 1050
oranges, cultivars 1396, 5665, 10059
peaches, cultivars 3147, 4985
pears
cultural methods 3941
production 4890
persimmons, cultivars 1439
Phaseolus vulgaris, cultivars 5261
pistachios, production 860
plums, economics 3181
Ranunculus, diseases 5451
Simmondsia chinensis, cultural methods 1382
strawberries
cultivars 5085-5089
protected cultivation 6625
temperate fruits, cultivars 4876
tomatoes
cultivars 2512, 8910
cultural methods 5321
vegetables, protected cultivation 6625
Itersonilia, Ranunculus 5451
Ivies (*see Hedera*)
Ivory Coast, cocoa, cultural methods 668
Ixia, species, South Africa 4405
Ixia collina, characteristics 4405
Ixia pumilio, characteristics 4405
Ixia viridiflora, tissue culture, propagation, techniques 7972
Ixora coccinea, planting stock, production, containers 7170
Jacaratia corumbensis, characteristics 2026
Jackfruits
flowers, development, histology 2900
fruits, composition 655
plant, development, phenology 2899
processing, residues 655
reports, India 3022
research, Sri Lanka 2896
utilization, shade plants, *Elettaria cardamomum* 3615
Jacobiasca lybica, aubergines 6100
Jacobinia pauciflora, cultural methods, pot plants 3502
Japan
apples, cultivars 3089-3090
grapes, cultivars 8694
melons, cultivars 4185
pears, cultivars 5888
persimmons, cultivars 10109
radishes, cultivars 8811
Rhododendron
cultivars 1865
hybrids 5495
strawberries, cultural methods 1629
sugarcane, cultivars 4783
temperate fruits, diseases, viruses 2154
tomatoes, cultivars 4309
vegetables
seedlings, production 2349
seeds, production 2349
Jasminum, reports, India 3022, 6615
Jasminum auriculatum, plant, composition, essential oils 517, 3624
Jasminum flexile, plant, composition, essential oils 517
Jasminum grandiflorum
flowers
development
pruning 8134
spacing 8133
irrigation, responses 4506
nutrition 6296
plant, composition, essential oils 517, 3624
pruning, seasons 3637
Jasminum officinale, tissue culture, metabolites, production 4496
Jasminum sambac, plant, composition, essential oils 517, 3624
Jatropha curcas
cultural methods, Brazil 7306
plant
composition 589
terpenoids 8254
seeds, composition 2018, 8255
Jatropha elliptica, cultural methods, Brazil 7306
Jatropha gossypiifolia, cultural methods, Brazil 7306
Jatropha mollissima, cultural methods, Brazil 7306
Jatropha multifida, cultural methods, Brazil 7306
Jatropha podagrica
cultural methods, Brazil 7306
plant
composition 8256
flavonoids 3688-3689
steroids 3689
Jatropha weddelliana, cultural methods, Brazil 7306
Jerusalem artichokes
cold, resistance, physiology 1687
cultivars, storage 1688
dormancy, biochemistry 7724
frost, injuries 5197
growth regulators
ABA, absorption 232
2,4-D, absorption 231
IAA, absorption 231
polyamines, biosynthesis 7726
leaves, composition 6890
plant
composition
cytochromes 2376
enzymes 5198
polyamines 4156
sugars 2377
plant residues, utilization, fodder 4157
products, alcohols 4157
Jerusalem artichokes *cont.*
shoots, composition 6890
tubers
dormancy, biochemistry 4156, 7725
size, cultivars 7724
Jessenia bataua, tissue culture, propagation, techniques 5785
Jordan, vegetables, cultural methods 1655, 7689
Juglans (*see also* Walnuts)
wild plants, surveys, China 6678
Juglans ailantifolia, diseases, *Phytophthora* 6769
Juglans californica, diseases, *Phytophthora* 6769
Juglans cinerea, diseases, *Phytophthora* 6769
Juglans hindsii
as rootstocks, walnuts 4049
diseases, *Phytophthora* 6769, 6772
Juglans hindsii* × *Juglans regia, shoots, development, biochemistry 9528
Juglans major
diseases, *Phytophthora* 6769
products, fuels 4610
Juglans microcarpa, diseases, *Phytophthora* 6769
Juglans neotropica, diseases, *Phytophthora* 6769
Juglans nigra
allelopathy 129
diseases
Mycosphaerella juglandis 6771
Phytophthora 6769
seedlings, production, cultural methods 5894
shoots, development, biochemistry 9528
Juglans nigra* × *Juglans regia, shoots, development, biochemistry 9528
Jumellea anjouanensis, chromosomes 9055
Juncus effusus, as weeds, *Vaccinium* 4070
Juniperus
cultivars, pot plants 2674
cultural methods, pot plants 8100
cuttings
cultural methods 9068
storage 9894
grafting, techniques, assessment 477
herbicides, injuries 471
planting stock
production
containers 9063-9064
techniques 7188
Juniperus chinensis
cuttings 1213
storage 6290
treatment 3571
growth regulators 1854
nurseries, cultural methods 474
planting stock, production, containers 7207
Juniperus communis
cuttings, cultural methods 7188
plant, composition 9962
Juniperus davurica, chimaeras 479
Juniperus drupacea
fruits, composition 1334
plant, composition, essential oils 4507
Juniperus horizontalis
herbicides, injuries 7191
planting stock, production, containers 8060
Juniperus macropoda, plant, composition, essential oils 3627
Juniperus oxycedrus, climate, requirements 9322
Juniperus procumbens, planting stock, production, containers 7471
Juniperus sabina, cuttings, cultural methods 7188
Juniperus scopulorum
cuttings 1213
seeds, treatment 7188
Juniperus silicicola, cultural methods, containers 5483
Juniperus squamata, cuttings, storage 6290
Juniperus virginiana
cuttings 1213
rooting, nutrition 4442
treatment 3571

Juniperus virginiana *cont.*
pests, *Thyridopteryx ephemeraeformis* 478
planting stock, production, containers 8060
seeds, treatment 7188
Justicia gendarussa, cuttings 7214
Justicia pectoralis, plant, composition 4571
Justicia procumbens, plant, composition, lignans 10009
Justicia spicigera, plant, composition 1283
Juvenility, responses, *Pouteria sapota* 3860
Kadsura coccinea, plant, composition, lignans 1335
Kadsura japonica, landscaping, USA 8098
Kaempferia galanga
plant
composition 543
cytotoxic compounds 8303
essential oils 7287
planting, seasons 7287
Kalanchoe
cultivars
assessment, German Federal Republic 7085
flowering 3561
cultural methods, pot plants 1194-1196, 3561, 6178, 9878
cuttings, production, techniques 9879
diseases, *Myrothecium roridum* 1195
hybrids, cut flowers 8040
landscaping, slopes 7085
Kalanchoe blossfeldiana
cultivars, propagation 4413
cultural methods, pot plants 8980
photosynthesis
CAM pathway 1829, 9880-9882
physiology 4414
tissue culture
propagation, techniques 4413
protoplasts 9880
water relations, measurement 2128
Kalanchoe daigremontiana
cytology 3028, 9326
photosynthesis
CAM pathway 456, 7491, 8027, 9038
temperature 456
plant, composition, sapogenins 6276
water relations, measurement 2128
Kalanchoe laxiflora, seedlings, development, growth regulators 5298
Kalanchoe marmorata, photosynthesis, CAM pathway 7491
Kalanchoe tubiflora
photosynthesis
biochemistry 4415
CAM pathway 456, 4415, 7497
temperature 456
water relations, measurement 2128
Kale
growing media, composition 7095
harvesting, techniques, mechanical harvesting 6925
nutrition 7095
plant, composition, fluorides 3265
seedlings, production, protected cultivation 6000
Kallstroemia maxima, plant, composition, sapogenins 3690
Kampimodromus aberrans
control
of *Panonychus ulmi,* grapes 2318
of *Phytoptus avellanae,* hazelnuts 2241
Keiferia lycopersicella, tomatoes 7043-7044
Kentia, planting stock, production, containers 9064
Kenya
Phaseolus vulgaris
cultivars 8850
economics 1011
Ketones
composition
ferns, reviews 2640
Morchella costata 7081
Tetradium daniellii 7307
determination, *Onosma hispidum* 1345
extraction, *Anethum sowa* 8178

Ketones *cont.*
metabolism, growth regulators, *Coleus forskohlii* 6381
Khaya senegalensis, seeds, composition 2447
Kniphofia
plant, vascular system 9872
surveys, UK 3510
Kochia, reports, Israel 744
Koelreuteria apiculata, seeds, composition 492
Koelreuteria paniculata
pollution
hydrogen fluoride 4435
ozone 4435
Kohlrabi
cultivars
assessment, Netherlands 1694
characteristics 250
Hungary 4169
Switzerland 6911
diseases, *Alternaria* 4169
electrical properties, temperature 2348
nutrition, nitrogen 8732
protected cultivation 7750
spacing 9658
systems
greenhouses 757, 929
plastic film 5164, 8724
temperature 5220
seedlings
production
cultural methods 2394
economics 2394
nutrition 931
protected cultivation 6000
soilless culture, cultural methods 8727
weed control 251, 7751
Korea Republic
Cymbidium, wild plants, surveys 5471
grapes, cultural methods 5919
Leontopodium, ecology 5419
Lycium chinense
cultivars 5614
cultural methods 5614
melons, cultivars 262
pears, cultivars 3168
Perilla frutescens, cultivars 5366
radishes, cultural methods 5221
tomatoes, cultivars 357
Krameria triandra, plant, composition, tannins 3649
Kreysigia multiflora, cultural methods, pot plants 9035
Krigia cespitosa, as weeds, lawns and turf 2632
Krugiodendron ferreum, cultural methods, containers 5483
Kuehneola uredinis, blackberries 9542
Kuehneromyces mutabilis, growing media, composition 1105
Kumquats
cultivars
assessment, USSR 8367
characteristics, USA 7321
flowers, development, growth regulators 7355
fruits, ripening, growth regulators 2879
shoots, development, growth regulators 7355
Labiatae, plant, composition, flavonoids, reviews 7256
Laburnum, frost, injuries 9090
Laburnum anagyroides
landscaping, industrial sites 3590
tissue culture, culture media 4275
Lachenalia, bulbs, production, cultural methods 9843
Lachenalia aloides, characteristics, Israel 7155
Lachenalia bulbifera, characteristics, Israel 7155
Lachenalia capensis, characteristics, Israel 7155
Lachenalia glaucina, characteristics, Israel 7155
Lachenalia orchioides, characteristics, Israel 7155
Lachenalia pearsonii, characteristics, Israel 7155

Lachnopus, oranges 3752
Lactarius deliciosus
composition 409
mercury 9779
Lactarius sanguifluus, composition 409
Lactones
biosynthesis
Acnistus breviflorus 561, 1293
Garnieria spathulaefolia 3686
Podophyllum hexandrum 10023
characterization
Acanthospermum hispidum 8171
Anthemis cotula 3666
Cassia torosa 6374
Centratherum punctatum 8230
Cleome brachycarpa 9992
Curcuma zedoaria 1251
Elephantopus carolinianus 5600
Elephantopus mollis 8230
Ferula communis 8237
Liabum candidum 10010
Montanoa tomentosa 591
Piper cubeba 3617
Steganotaenia araliacea 6433
Tanacetum santolinoides 10035
Tinospora cordifolia 8304
Umbelliferae 9370
Ventilago calyculata 1257
composition
Arnica chamissonis 1299
Artemisia argyi 6360
Artemisia aschurbajevii 6361
Artemisia caerulescens 8182
Artemisia fragrans 6363-6364
Artemisia leucodes 8183-8184
Cassia obtusifolia 9160
Centaurea phrygia 1949
Centipeda minima 1950
chicory 235
Decachaeta ovalifolia 9137
Eupatorium trapezoideum 5602
Euphorbia fisheriana 6397
Ferula penninervis 6398
Flueggea microcarpa 1970
Hymenoclea salsola 549
insecticidal plants 2752
Isocarpha oppositifolia 4570
lettuces 4168
Meum athamanticum 6160
Mikania 8261
Montanoa leucantha 10015
Montanoa tomentosa 592
Parthenium hysterophorus 549
Prunella vulgaris 2802
Pyrethrum pyrethroides 6423
Quassia multiflora 1358
Ranunculaceae 1282
Salvia divinorum 6427
Tanacetum santolinoides 7302
Thapsia garganica 7308
Tithonia diversifolia 8153
Trigonella foenum-graecum 3720
Umbelliferae, reviews 9370
Vanillosmopsis erythropappa 3723
Vernonia 1376
Withania coagulans 8309
Withania somnifera 8310
determination
Artemisia annua 1938, 2766, 6359
Ranunculaceae 1288
Lactuca (*see also* Lettuces)
Laetisaria fuciformis, lawns and turf 9856
Lagenaria breviflora, fruits, composition 7288
Lagenaria siceraria
diseases
Cercospora 5249
Erysiphe cichoracearum 3345
Sphaerotheca fuliginea 3345, 5251
viruses 5561
plant, composition 3726
Lagerstroemia indica
cultivars, characteristics 4467
pests, *Sarucallis kahawaluokalani* 498
tissue culture, propagation, micropropagation 9924
Lagerstroemia indica* × *Lagerstroemia fauriei, cultivars, characteristics 9925
Lagerstroemia lanceolata, utilization, shade plants, *Elettaria cardamomum* 3615

Lagerstroemia speciosa
tissue culture
propagation
micropropagation 6314
techniques 7215
Lagochilus inebrians, plant, composition, terpenoids 8257
Lamiastrum galeobdolon, plant, composition, glycosides 9186
Lamium amplexicaule
as weeds
cabbages 8805
lawns and turf 2632
plant, composition, glycosides 7289
Landolphia heudelotii, reports, France 3882
Landscaping
arid regions
Agave 2649
ornamental plants 9786
assessment
fruit crops 7087
ground cover plants 7891
ornamental plants 7087
books, woody plants 3007
coastal areas
Atriplex halimus 4875
Atriplex nummularia 4875
Atriplex portulacoides 4875
Baccharis halimifolia 4875
Cortaderia selloana 4875
Elaeagnus angustifolia 4875
Spartina maritima 4875
Suaeda fruticosa 4875
Czechoslovakia, ornamental plants 9783
industrial sites
ornamental plants 9784
woody plants 3590, 4431
New Zealand, woody plants 7180
parks, ornamental plants, conferences 4805
Poland, woody plants 2672
reclaimed land, woody plants 467
roadsides
Liriodendron tulipifera 9107
Platanus hispanica 9107
woody plants 467, 1208, 8057
roofs, woody plants 1230
slopes
ornamental plants 7085
Vitis californica 7664
spoil banks, woody plants 2679
Turkey, woody plants 487
urban sites
Hedera 9889
lawns and turf 8007
Wisteria 9889
woody plants 487, 1208-1209, 2672, 4432, 5479, 7181, 8057
USA
Clematis crassifolia 8098
Euonymus fortunei 8098
Ficus pumila 8098
Kadsura japonica 8098
Piper futokadsura 8098
Psychotria serpens 8098
Stauntonia hexaphylla 8098
subtropical fruits 2673
Trachelospermum asiaticum 8098
tropical fruits 2673
Vitis californica 7664
woody plants 468, 3570
Lannea acida, leaves, composition 5612
Lansium domesticum, plant, morphology 10114
Lantana, planting stock, production, containers 9064
Lantana camara
leaves, composition 3629
nutrition 5524
Larix gmelinii, rootstock scion relationships, compatibility 1214
Larix kaempferi
as interstocks, *Pseudotsuga* 1214
as rootstocks, *Cedrus* 1214
rootstock scion relationships, compatibility 1214
Larrea tridentata, seeds, germination 493
Laserpitium latifolium, plant, composition, coumarins 2759
Latex
biochemistry
Asclepias curassavica 5585
Catharanthus roseus 567
Euphorbia 8234
Euphorbia lactea 5468
Euphorbia tirucalli 5562
Euphorbia trigona 8236
Excoecaria 1325
Ficus elastica 8103
figs 4006
Papaver bracteatum 7292
Papaver somniferum 1347, 2799
Parthenium argentatum 611
poinsettias 9899
rubber 3826, 6561, 7420, 9288, 9290
biosynthesis
Papaver bracteatum 594
Parthenium argentatum 2027, 4615, 10048
poinsettias 9899
reviews 10183
composition
Euphorbia ruspolii 576
Rhazya orientalis 8283
extraction, pawpaws 8408
metabolism
growth regulators
Euphorbia lathyris 1385
rubber 6562, 7419
seasonal variation
Parthenium argentatum 8314
rubber 5762
water relations, *Parthenium argentatum* 610
production
cultural methods
Parthenium argentatum 1387, 3728, 5651-5652, 8314-8315
Sapium aubletianum 4617
growth regulators, rubber 8369
Lathyrus (*see also* Sweet peas)
Launaea asplenifolia, plant, composition 6411
Laurus nobilis
frost, injuries 9090
plant, composition, essential oils 2739, 3624, 9944
Lava, utilization, growing media, ornamental plants 3564
Lavandula
harvesting, harvesting date, assessment 518
plant, composition, essential oils 518
Lavandula angustifolia
plant, composition, amines 1910
tissue culture, biochemistry 4496
trichomes 6181
Lavender and lavandin (*see Lavandula*)
Lawns and turf
breeding
interspecific hybridization 6252
Netherlands 446
conferences 7457
cultivars
assessment 8003
identification 1816, 3544
shade 6253
winter hardiness 3545
cultural methods 6258
roadsides 1181
sports grounds 8012
diseases
Corticium fuciforme 1180, 3550
Curvularia 1183
Laetisaria fuciformis 9856
Monographella nivalis 3550
drought, resistance, physiology 9860
durability 7159
ecology, USA 4411
establishment
slopes 3545, 5455, 6256
sports grounds 4411
flowers, initiation, physiology 2639
fungicides, responses 2636-2637
growth regulators
amidochlor, responses 6257
BA, responses 9858
chlorsulfuron, responses 1181
Lawns and turf *cont.*
growth regulators *cont.*
2,4-D, responses 1181
DPX-6206, responses 1181
EPTC, responses 1181
ethephon, responses 453, 3549, 5459
flurprimidol, responses 1181, 3549, 5459, 9858
GA, responses 2636-2637, 5459
KUH 833, responses 9858
mefluidide, responses 1180-1181, 1818-1819, 3549, 6257, 8006, 8014
metsulfuron, responses 1181
MH, responses 8006, 8014
MON 4621, responses 1819
MON 4623, responses 1819
paclobutrazol, responses 1181, 6257, 8014, 9858
pentefenzol, responses 9858
tetcyclacis, responses 3549
zeatin, responses 9858
growth retardation, growth regulators 453, 1179, 1818-1819, 3549, 6257, 8006-8007, 8014-8015, 9028, 9858
herbicides
injuries 452, 2635, 7164
responses 2634
tolerances 449, 1175, 7164
irrigation
requirements, determination 1177
responses 1178, 1820-1821
water, salinity 3548
landscaping, urban sites 8007
mowing 8013
mulching, responses 9857
mycorrhizas 2638
nutrition 5460
calcium 3551
manures 3552, 9029
nitrogen 454, 1182, 3551, 9857, 9859
phosphorus 9857
potassium 9857
oversowing 2630
pests
Nematoda 3552
Popillia japonica 3553-3554
Tipula paludosa 8016
plant, development, assessment 8003
pollution, tolerances 475
regeneration 6256, 9857
oversowing 8005
replanting 9028
reports, Irish Republic 3883, 9317
seeds
composition 1170
development, growth regulators 1184, 1819
germination
salinity 6255
tests 6255
production, physiology 6259
treatment 3546, 5456-5457, 6254
soil compaction, responses 1820-1821
species, competition 7159, 8004
thatch, development 6258
tissue culture, propagation, techniques 2631
weed control 447-448, 450-451, 1171-1174, 1176, 1817, 2632-2633, 3547, 5458, 7160-7164, 8010-8011
winter hardiness
cultivars 3545
cultural methods 4410
thermoblankets 4410
Lawsonia inermis
cultural methods 9126
plant, composition 559
Layering
techniques
cashews 4691
Daphne 9919
hazelnuts 2240
Lead
absorption
leeks 3274
lettuces 959, 8723, 9648
Nerium oleander 9927
peas 3274
Phaseolus vulgaris 2451-2452

Lead *cont.*
absorption *cont.*
radishes 8723
vegetables 6006
composition
coconuts 2908
grapes 7683
horticultural crops 6655
vegetables 3266
toxicity
Brassica 3320
horticultural crops 9333
spinach 6882
Leaf mould
utilization
growing media, greenhouse crops 5371
mulches, *Vaccinium* 7615
Leaf polishes, foliage plants 2643
Leaves
abscission
ethylene, *Phaseolus vulgaris* 8863
growth regulators, ornamental plants 3475
light, *Ficus* 2659
physiology
Impatiens walleriana 5418
ornamental plants 3475
Phaseolus vulgaris 5048, 7806
areas
assessment
cashews 4712, 4714
cocoa 4725
Cucurbita pepo 9687
Euphorbia tirucalli 4614
guavas 2085
Ilex opaca 2685
strawberries 4080
biochemistry
calcium, spinach 4153
copper, cabbages 9664
cultivars, peaches 841
cultural methods, *Ipomoea batatas* 8955
growth regulators
Impatiens balsamina 4367
limes 4653
harvesting, tea 8432
irrigation, apples 2174
nutrition
limes 4653
pawpaws 6551
tea 1515
photoperiodism, *Impatiens balsamina* 4367
rootstock scion relationships, apples 73
seasonal variation
Codiaeum variegatum 1186
lemons 1186
oranges 10076
Yucca aloifolia 1186
spacing, apples 4880
temperature
bananas 4684
Phaseolus vulgaris 1716
colour
fungicides, *Cynodon* 2636
growth regulators, *Cynodon* 2636
nutrition, mandarins 5691
seasonal variation, *Corokia cotoneaster* 1238
temperature, *Cynodon* 2636
development
assessment, grapes 7678
biochemistry
aubergines 765
celery 7071
Dianthus chinensis 7102
grapes 765, 4133
peas 335
spinach 7717
sugarcane 765
carbon dioxide
citranges 8332
citrumelos 8332
Phaseolus vulgaris 6049
cultural methods, *Lilium* 6242
fungicides, *Cynodon* 2636
growth regulators
cocoa 670

Leaves *cont.*
development *cont.*
growth regulators *cont.*
Cynodon 2636
grapes 4130
peaches 9490
tomatoes 7865
histology
grapes 5145
Hedera helix subsp. *canariensis* 1217
light
Digitalis lanata 8225
Ligustrum ovalifolium 494
Lilium 6242
Phaseolus vulgaris 8861
mutants, *Antirrhinum* 2575
nutrition, cucumbers 9683
photoperiodism
Antirrhinum 2575
Nymphaea 7166
photosynthesis, tomatoes 5342
phyllotaxy
dates 7365
ornamental plants 6666
physiology
Gnetum africanum 5364
peas 6976
spinach 8769
propagation, strawberries 6804
pruning, grapes 7673
salinity, *Phaseolus vulgaris* 2464
spacing, bananas 1453, 7391
temperature
Allium christophii 2627
bananas 1453
cucumbers 275, 2414
Cynodon 2636
Digitalis lanata 8225
Lilium 6242
tomatoes 7017
tissue culture
blackberries 6788
celery 7071
Hemerocallis 1140
water relations, cocoa 670
drop
environment, apples 2195
growth regulators
Macadamia 7371
raspberries 7605
flavours
biochemistry
celery 8497
Petroselinum crispum 8497
tea 5781
movements
geotropism, *Plectranthus fruticosus* 9000
physiology
Mimosa pudica 5528
Oxalis regnellii 3511
quality
assessment, tea 1519, 3857
harvesting, tea 7442
nutrition, tea 2995
size
growth regulators, apples 8499
light, *Ilex opaca* 2685
variegation
genetics
Coleus 6274
Dieffenbachia maculata 9874
mutants, *Antirrhinum* 9792
physiology, *Coleus blumei* 1189
Lectins
biochemistry, *Erythrina* 10005
characterization
Datura fastuosa 6388
Euphorbia 8234
Lonchocarpus capassa 3692
Sambucus 6774
Vicia faba 6067
composition
Acioa simplicifolia 1931
Adenia volkensii 2762
Elaeophorbia drupifera 8235
Euphorbia 8235
Psophocarpus tetragonolobus 3384
Vicia faba 4243

Lectins *cont.*
metabolism
growth regulators, *Phaseolus vulgaris* 6055
tissue culture, *Phaseolus vulgaris* 6055
Ledum palustre, plant, composition 9966
Leeks
cultivars
assessment
Netherlands 9613-9615
Norway 3273
characteristics, Belgium 8741
cultural methods, Netherlands 9616
diseases 937
control 3277
disorders 937
frost, injuries, surveys 5808
fungicides, responses 217
harvesting, harvesting date, assessment 8742
herbicides, injuries 4139
intercropping, onions 3257
irrigation, responses 3275-3276
mulching, responses 8742
mycorrhizas 217, 6705
nutrition
magnesium 204
manures 3343
nitrogen 3275-3276, 6863, 7691
phosphorus 204, 7691
potassium 204, 7691
pests 937
control 3277
plant
composition
fatty acids 3278
magnesium 3275
phosphorus 3275
potassium 3275
proteins 41
vitamins 6864
planting, spacing 6863
planting stock, production, techniques 9616
pollution, heavy metals 3274
processing, cultural methods 8742
protected cultivation, systems, plastic film 5164, 5958, 8722, 8743, 8745
reports
Belgium 8452
German Federal Republic 8456
UK 4826, 6621, 9320
rotations 403
seedlings
planting, age 6863
production
cultural methods 5956, 6863
nutrition 931
seeds
germination, inhibitors 2342
production
cultural methods 7702-7703
grading 8744
pollination 5176
quality, assessment 4138
sowing, spacing 8742
stecklings, planting, spacing 7702-7703
storage
systems
cold storage 8745
controlled atmosphere storage 2400, 8745
weed control 216, 7701
yields, correlation 5962
Leguminosae
as green manures, coconuts 2906
establishment, spoil banks 2679
grafting, techniques, assessment 6285
Leioproctus, pollinators, *Diuris maculata* 8054
Lemaireocereus thurberi, photosynthesis, light 9868
Lemons
climate, microclimate 10066
cultivars
characteristics, USA 7321
growth 617
cultural methods, USSR 5672
diseases
Guignardia citricarpa 2865

Lemons *cont.*
diseases *cont.*
Penicillium 5712
Penicillium digitatum 10092
disorders
chilling injury 10092
chlorosis 7339, 7341
oleocellosis 4667
flowers
composition 7356-7357
initiation, water relations 2872
frost, protection, techniques 6468
fruits
biochemistry
environment 5668
rootstock scion relationships 5668
composition 1430, 4668, 5714
degreening, ethylene 10092
development, biochemistry 2055
quality
environment 4667
growth regulators 3756
interstocks 7323
nutrition 3748-3749
size
environment 5668
rootstock scion relationships 5668
fungicides, residues 6665
grading, techniques 1554
insecticides, injuries 644, 2866
interstocks 7323, 7339
irregular bearing, cultivars 4661
irrigation
frequency 6481
responses 2872
systems 9224
leaves
biochemistry, seasonal variation 1186
composition 5717
nutrients, absorption, assessment 2039
nutrition
disorders 7329
iron 627, 7338-7341
manganese 7340
manures 10082
nitrogen 3748-3749
phosphorus 3748
potassium 3748
pests
Aceria sheldoni 2865
Aonidiella aurantii 632
Aspidiotus nerii 6478
Diaprepes abbreviatus 621
Pantomorus cervinus 10079
Phyllocoptruta oleivora 2865
Prays citri 6481-6482
Scirtothrips aurantii 2865-2866
Scirtothrips citri 4652
Trioza erytreae 2865
plant
composition
ascorbic acid 5826
boron 30
copper 7357
essential oils 3645
iron 7357
limonoids 2054, 3755, 7353
manganese 7357
nitrogen 7356
phosphorus 7356
potassium 7356
zinc 7357
plant residues, composition 5716
pollination, cultivars 4656
products, essential oils 5716-5717
protected cultivation
systems
assessment 6467
plastic film 5672, 10069
temperature 10066
pruning, responses 10072
roots
development
cultural methods 10082
irrigation 9224
rootstock scion relationships
diseases 4630
nutrition 620

Lemons *cont.*
rootstock scion relationships *cont.*
physiology 6471
yields 4630
rootstocks, assessment 5669
seedlings, development, water relations 8337
shelterbelts 6467
storage 4665, 10092
diseases 5712, 6490
storage dips
fungicides 6490, 6665
insecticides 644
temperature 1423-1425
wraps 1423-1425, 4664
tissue culture, propagation, techniques 3740
water relations
diurnal variation 87
measurement 87
Lentinus, production, Hungary 1753
Lentinus edodes
composition 1104, 2566, 2568, 5368
enzymes 5369
polysaccharides 6169
diseases, *Trichoderma* 8964
growing media, composition 1105, 1757
production, UK 4346
respiration, temperature 2350
spawn, production 1107
Lentinus squarrosulus, composition, enzymes 1759
Leontopodium, ecology, Korea Republic 5419
Leonurus cardiaca, plant, composition, terpenoids 590
Leonurus sibiricus, as weeds, sugarcane 2973
Lepanthes lingulata, parasitic plants 1836
Lepidagathis trinervis, seeds, composition 9209
Lepidiota, reports, Australia 4816
Lepidium (*see also* Cress)
Lepidium ruderale, plant, composition, essential oils 1923
Lepidozamia, species, characteristics, Australia 1231
Lepiota procera, composition, mercury 9779
Lepista nuda, composition, mercury 9779
Leptinotarsa decemlineata, tomatoes 4323
Leptomastix dactylopii, control, of *Planococcus citri,* pot plants 3474
Leptospermum brachyandrum, tissue culture, propagation, techniques 5525
Leptospermum flavescens, tissue culture, propagation, techniques 5525
Leptospermum petersonii, tissue culture, propagation, techniques 5525
Leptospermum scoparium, reports, New Zealand 6617
Leptosphaeria maculans, swedes 5204
Lespedeza bicolor, plant, composition, flavonoids 5579
Lespedeza hedysaroides, plant, composition, flavonoids 5579
Lespedeza stipulacea, as ground cover plants, apples 8519
Lespedeza striata, as weeds, lawns and turf 7163
Lesquerella, products, oils 4611
Lettuce mosaic virus, lettuces 958, 4160
Lettuce necrotic yellows virus, lettuces 6903
Lettuces
bolting 7741
cultivars
assessment
Cuba 9644
Libya 2337
Netherlands 2380-2381, 3312, 5987, 7732, 9643, 9645-9646
polar regions 6850, 6896
USSR 6850, 6896, 7685
biochemistry 3318, 5986, 8783
carbon dioxide 1730
characteristics
Romania 7733
USA 960, 4160, 8721

Lettuces *cont.*
cultivars *cont.*
diseases 238, 958, 2380, 3311-3312, 4160, 4166, 5985
disorders 3312, 4160, 5992
growth 2385
harvesting date 5986
herbicides 964
identification 239, 5988, 8783
light 5203
nutrition 2382, 6900
nutritional value 3318, 4160
photoperiodism 1692
pollution 959, 963, 1730
protected cultivation 1691, 2380-2381, 3312, 4162, 5986-5987, 7732, 7737, 8788, 9643, 9652
salinity 5990
soilless culture 1691
sowing date 2383
spacing 6897
storage 9652
cultural methods
Belgium 1690
mechanization 928
Tanzania 2336
diseases
Botrytis 9650
Botrytis cinerea 5993
Bremia lactucae 2380, 3311, 5099
cucumber mosaic virus 238
lettuce mosaic virus 958
Mycocentrospora acerina 4165
Rhizoctonia solani 4166, 5985
Rosellinia necatrix 3925
Sclerotinia 5993
Sclerotinia minor 2386, 6902
Sclerotinia sclerotiorum 243, 2386, 9651
disorders
glassiness 2381, 5992
ribbon stem 4164
tipburn 242, 2381-2382, 3312, 8791
drought, resistance, physiology 1660
dwarfing 6051
frost, injuries, surveys 5957
fungicides, residues 5993
growing media, composition 4142, 6653
growth regulators
adenosine phosphates, physiology 7494
dodecyloxymethylenemethylmorpholinium chloride, responses 5995
dodecyloxymethylenemethylpiperidinium chloride, responses 5995
GA, responses 6021
handling
equipment 245
techniques 966, 4873
herbicides, injuries 964, 4139, 6898
irrigation
carbon dioxide, application 6303
fertilizers, application 5200
requirements, determination 241
water
salinity 6854, 8789
sources 4846
nutrients, requirements, analysis 9607
nutrition 5361
calcium 266, 5991
chlorides 3298
chlorine 6888
manganese 2382
manures 3314, 4163, 6900
nitrogen 968, 3298, 3315, 4163, 6888, 6901, 7692-7693, 7739, 8731-8732, 8794, 9650
phosphorus 266, 5200, 7738
potassium 5201-5202
sulphur 207, 2382
trace elements 2382
zinc 205
packing, materials 2387
pesticides, residues 244
pests
Agrotis segetum 4167
control, books 8441
Hyperomyzus lactucae 6903
Myzus persicae 8793

Lettuces *cont.*
photoperiodism 1692, 5203
photosynthesis
light 8792
research 766
plant
composition
bromine 244
calcium 3317, 8791
enzymes 7740, 9327
heavy metals 3314, 3920, 4142
lactones 4168
lead 8723
magnesium 3317, 8791
nitrates 212, 3318, 5223, 5986, 6888, 6901
phosphorus 3317
polyamines 3917
potassium 3317
sugars 967
development
assessment 2385
humidity 9790
stresses 3896
quality, nutrition 968
vascular system 5994
planting
spacing 2384, 6897
systems 6900
planting stock, size 2383
plants, quality, protected cultivation 6904
pollution
acids 6898
heavy metals 959
lead 8723, 9648
nitrogen oxides 1730
oxidants 963
ozone 5989, 7686
phthalates 6639
tolerances 963
protected cultivation
biochemistry 212
carbon dioxide 1730
cultivars 2380-2381, 3312, 5986-5987, 6897, 7732, 9643
cultural methods 1656, 4162, 6303, 7737
disorders 242
energy conservation 8471, 9652
growing media 3315
growth 2385
harvesting date 5986
heat retention 6904
irrigation 9649
light 5203
mulching 6899
nutrition 266, 3315, 6901
planting, seasons 6904
pollution 1730
rotations 3420
soil fumigation 244
soil steaming 244
soil warming 6904
soilless culture 1691, 9652
spacing 6897
systems
assessment 1690, 8787
greenhouses 757, 929
plastic film 5164, 5958, 8724, 8788
temperature 5390, 6899
reports
Belgium 8452-8453
Brazil 2121
Cyprus 9316
German Federal Republic 8456
Irish Republic 9317
UK 3885, 4826, 4828, 6621, 9320
USA 9321
respiration, photorespiration 3316
roots, exudates 965
salinity
responses 965
tolerances 5990-5991
seedlings
development, stresses 1660
planting, age 3313
production
cultural methods 3313, 4312, 8786

Lettuces *cont.*
seedlings *cont.*
production *cont.*
growing media 9739
nutrition 931
protected cultivation 7736
treatment, cold 7741
seeds
germination
anaerobiosis 6069
biochemistry 3255
ethylene 3031
growth regulators 8784-8785
inhibitors 2147, 2342, 3603, 5304, 5995
light 240, 7734
oxygen 6070
physiology 962, 7472
salinity 240
temperature 7735, 9647
sowing
equipment 961, 1696
sowing date 2383
techniques 961
treatment 4161, 5163, 9647
soil amendments 6902
soil management, equipment 243
soil types 7738
soil water, responses 3317, 5361
soilless culture
cultural methods 8727
nutrient solutions
composition 8794
temperature 8794
systems 1691
assessment 5223, 9652
hydroponics 5960
nutrient film techniques 8728, 8790
storage
diseases 7742
disorders 967, 7742
packing 2387
pests 8793
quality, cultural methods 9652
weed control 930
Leucadendron
herbicides, tolerances 5526
weed control 5526
Leucadendron discolor, cultural methods, pot plants 7216
Leucaena leucocephala, utilization, shade plants, cocoa 3790, 6528
Leucanthemum maximum, cut flowers, production, protected cultivation 6182
Leucanthemum paludosum, landscaping, slopes 7085
Leucas linifolia, plant, composition, glycosides 4572
Leuchtenbergia principis, tissue culture, propagation, techniques 1830
Leucinodes orbonalis
aubergines 7006, 7849
Capsicum 4298
Leucojum, bulbs, production, cultural methods 9843
Leucojum aestivum, plant, composition, alkaloids 8258
Leucoma salicis, woody plants 9065
Leuconotis eugenifolia, plant, composition, alkaloids 8313
Leuconotis griffithii, plant, composition, alkaloids 8313
Leucoptera malifoliella, apples 4932
Leucospermum, diseases, *Drechslera* 6315
Leucospermum cordifolium
diseases, *Drechslera* 6315
seeds, germination, physiology 9926
Leucospermum grandiflorum, trichomes 6181
Leucostoma cincta, peaches 110
Leuzea carthamoides, plant, composition, steroids 9139
Leveillula taurica
Capsicum 2504, 3403, 4296, 5338
Coriandrum sativum 2503
melons 6011
tomatoes 5338
vegetables 2503
Vicia faba 4229

Leveillula taurica* f.sp. *cynarae, globe artichokes 6893
Liabum candidum, plant, composition 10010
Liatris
cut flowers
pests 7896
preservatives 6186
landscaping, arid regions 9786
Liatris spicata
cut flowers
harvesting 6218
production
cultural methods 7999
planting stock 3541
flowers, initiation 1165
plant
composition
anthocyanins 7096
terpenoids 1166
Libya, vegetables, cultivars 2337
Lichmera indistincta, pollinators, *Banksia prionotes* 8101
Light (*see also* Dark; Photoperiodism; Shade)
absorption
carnivorous plants 1787
horticultural plants 4867
peas 1045
sugarcane 2988
Vicia faba 2474
artificial light
Iris 9837
kohlrabi 5220
tomatoes 381, 5324, 5341
blue light
Capsicum 6095
Chinese cabbages 5210
cucumbers 3347
Hedera helix 9078
Pleurotus sajor-caju 1761
Saintpaulia 7872
Serratula coronata 5565
Vicia faba 2475, 4234
far red light
Actinidia chinensis 2322
Adiantum capillus-veneris 9870
Amaranthus hypochondriacus 6220
apples 1579
cabbages 8809
chicory 956, 3309
grapes 2322
lettuces 7734
onions 8758-8759
peas 4270
Pharbitis nil 6210-6211, 7117
radishes 8815
Saintpaulia 7872
Sinapis alba 9124
tomatoes 7872
green light
Amaranthus caudatus 2594
Capsicum 6095
Pleurotus sajor-caju 1761
infrared radiation, *Pelargonium* 1783
interception
aspect, grapes 4129
assessment
onions 8760
peaches 5804
peas 4247
woody plants 6632
cultivars, *Phaseolus vulgaris* 6952
defoliation, *Vicia faba* 310
growth
Amaranthus hybridus 5363
raspberries 7606
high density planting, apples 6631, 6702
morphology, Cactaceae 9868
orientation, peaches 5004
physiology, *Peperomia metallica* 2663
pruning
grapes 916, 4111
temperate fruits 3078
rootstock scion relationships, grapes 911
spacing
bananas 7391
strawberries 8661

Light *cont.*
interception *cont.*
training
grapes 4110, 5136
peaches 3151
temperate fruits 3078
intermittent light, *Phaseolus vulgaris* 9710, 9712, 9715
light intensity
Achimenes 3538
Actinidia chinensis 2322
Agave lechuguilla 5552
Anemone coronaria 2611
apples 6733, 7542, 8536, 8555
aubergines 8901
Begonia cheimantha 7963
Begonia hiemalis 1798
Betula platyphylla 9099
carnations 2577
cherries 8571
chicory 956
chrysanthemums 6206
cocoa 3792
Codiaeum variegatum 2654
coffee 10138-10139
cucumbers 274, 2439, 5252
Cucurbita pepo 2438
Curcuma longa 9120
Digitalis lanata 8225
Fatsia japonica 8068
Ficus 2659
Ficus benjamina 8038
Fuchsia 1887
grapes 2322, 7668
Hedera 9077
Hedera helix 8068
hops 9957
kohlrabi 7750
lemons 10069
lettuces 7734, 8792
Ligustrum ovalifolium 494
Lilium longiflorum 9019
onions 7713, 8758-8759
oranges 5704
peas 2483, 5291
Pelargonium hortorum 5401
Peperomia 9032
Phaseolus vulgaris 2468, 8861, 9709
Piper nigrum 8124
Pleurotus sajor-caju 1761
poinsettias 7193, 8072
pot plants 2674, 8100
Psophocarpus tetragonolobus 2492
radishes 4182, 5230
Ranunculus asiaticus 2611
roses 9903
Sinapis alba 2730
Solanum dulcamara 10033
spinach 225, 5188
strawberries 2301, 4869
Tillandsia usneoides 4865, 5461
tomatoes 1734, 1738, 4325-4326, 5342-5343, 6128, 7058, 7854, 7872, 9758, 9761
Tropaeolum majus 9826
turnips 4177
Vaccinium macrocarpon 7630
Vicia faba 306, 8869
Whitfieldia elongata 5532
woody plants 2674
Zoysia japonica 6254
natural light
cucumbers 276
grapes 193, 5925
greenhouse crops 1543, 2341
Pelargonium 1127
Phaseolus vulgaris 5273, 6045, 9712, 9715
Saxifraga fortunei 5424
spinach 7719
tomatoes 1740
vegetables 1720
Vicia faba 1127
radiation, *Phaseolus vulgaris* 9711
red light
Actinidia chinensis 2322
Adiantum capillus-veneris 9870
Amaranthus caudatus 2594
Amaranthus hypochondriacus 6220
apples 1579, 6722

Light *cont.*
red light *cont.*
cabbages 8809
Capsicum 6095
chicory 956, 3309
Chinese cabbages 5210
cucumbers 4201-4202, 7786
grapes 2322
Hedera helix 9078
Iris 9837
Kalanchoe blossfeldiana 4414
lettuces 240, 7734
onions 8758-8759
peas 337, 4270
Pharbitis nil 9806
Pleurotus sajor-caju 1761
Saintpaulia 7872
Serratula coronata 5565
tomatoes 1740, 7872
reflection
Mahonia aquifolium 3605
plants 2126
sugarcane 2988
spectral composition
hops 9957
lettuces 5223
radishes 5223
Sinapis alba 2730
tomatoes 5324
supplementary light
Alstroemeria 7995
Begonia 2614
Campanula isophylla 5415
cucumbers 5254
Gladiolus 7975
greenhouse crops 6650
Gypsophila paniculata 9811
horticultural crops 2136
lettuces 5203, 7736
Lilium 2621
ornamental plants 7899
Pelargonium 5399, 8986
Platycodon grandiflorus 3512
poinsettias 1221
radishes 9666
Rhododendron 483, 1223
Rhododendron indicum 9901
strawberries 893, 5914
tomatoes 6116, 6128
Trachelium caeruleum 1144
vegetables 2340
transmission
horticultural crops 774
sugarcane 2988
ultraviolet radiation
carnivorous plants 1787
greenhouse crops 208
Phaseolus vulgaris 6053
sugarcane 2983
tomatoes 7872
yellow light, *Pleurotus sajor-caju* 1761
Lignans
biosynthesis, *Podophyllum hexandrum* 10023
characterization
Eucommia ulmoides 7281
Kadsura coccinea 1335
Piper cubeba 3617
Podophyllum pleianthum 598
Schisandra chinensis 8289
Steganotaenia araliacea 6433
Stereospermum kunthianum 2004
composition
Amanoa oblongifolia 1295
Desfontainia spinosa 9170
Eucommia ulmoides 1885
Haplophyllum glabrinum 9181
Haplophyllum versicolor 6406
Heliopsis buphthalmoides 8248
Justicia procumbens 10009
Magnolia salicifolia 1337
Phaulopsis falcisepala 3704
Silybum marianum 8294
Virola elongata 2811, 4597
Viscum album 8308
metabolism, seasonal variation, *Podophyllum* 10022
Lignin
biosynthesis, *Asparagus* 2498
composition
Jerusalem artichokes 6890

Lignin *cont.*
composition *cont.*
Papaver somniferum 7293
metabolism
cultivars, peaches 8585
environment, peaches 8585
growth regulators, tea 10221
tissue culture, tea 10221
production, tissue culture, *Tribulus terrestris* 6441
Lignite
utilization
growing media
foliage plants 8029
tomatoes 361, 366, 368, 8029
Lignoids, composition, *Aesculus turbinata* 9916
Ligularia japonica, plant, composition, carcinogens 3691
Ligularia przewalskii, plant, composition, anthocyanins 7096
Ligustrum
frost, injuries 411
herbicides, injuries 471
planting stock, production, containers 472, 9064
Ligustrum amurense, herbicides, tolerances 473
Ligustrum ibolium, herbicides, tolerances 473
Ligustrum japonicum
growth regulators, ethylene, metabolism 4223
leaves, spectral data 7495
Ligustrum lucidum
leaves, physiology 2716, 3604
tissue culture, propagation, techniques 4433
Ligustrum obtusifolium, tissue culture, propagation, micropropagation 8069
Ligustrum ovalifolium, leaves, development, light 494
Ligustrum sinense, planting stock, pruning 7217
Ligustrum vicaryi, planting stock, production, containers 7471
Lilacs (*see Syringa*)
Liliaceae, taxonomy, chemotaxonomy 7088
Lilium
breeding
Netherlands 7142
techniques, reviews 7982
bulbs
production, cultural methods 1156
treatment 3525
cold, responses 9385
cultivars
assessment
Spain 7983
USSR 4393
breeding 4392
cut flowers 1145, 2621
protected cultivation 2621
cultural methods, pot plants 3525
cut flowers
handling 7921
preservatives 6186, 7921
production
cultural methods 1145
protected cultivation 2621, 7899, 7983-7984, 7990
responses, growth regulators 3526
vase life 7985
water relations 7921
diseases
fungi 7144
tulip mosaic virus 440
viruses 4376, 7144
intercropping, tulips 7990
nutrition, calcium 1157
pests, Aphididae 7144
protected cultivation
light 7899
systems, greenhouses 7984
reports
Netherlands 14
UK 4824
salinity, responses 9385
Lilium concolor, bulbs, production, cultural methods 1812

Lilium henryi
genetics 3524
plant, composition, nucleic acids 2620, 3524
pollen, development, cytology 7145
Lilium lancifolium
bulbs, production, cultural methods 6242
plant, composition, nucleic acids 2620
taxonomy, nomenclature 1811
Lilium leichtlinii, plant, composition 1146
Lilium longiflorum
breeding, reviews 5441
bulbs
development
abnormalities 7143
physiology 9840
production, cultural methods 6242, 9018, 9838-9839
cultural methods, pot plants 6202
dwarfing 6051
growth regulators 9019, 9021
flowers, development, growth regulators 6245
forcing 9019
plant
composition
nucleic acids 2620
photosynthates 9840
pollen
germination, biochemistry 9841-9842
ultrastructure 1159
pollination, compatibility 2622
reviews 6241
shoots
development
flowering 9020
growth regulators 9020
tissue culture, propagation, techniques 2619
Lilium maculatum
bulbs, production, cultural methods 6243-6244
cut flowers, production, protected cultivation 1158, 6243-6244
Lilium rubrum, plant, composition, nucleic acids 2620
Lilium speciosum, bulbs, production, cultural methods 6242
Lilium tigrinum, taxonomy, nomenclature 1811
Lily-of-the-valley (*see Convallaria majalis)*
Limacidae, *Gerbera* 7116
Lime, utilization, growing media, *Dendromecon rigida* 3602
Limes
as rootstocks, mandarins 9233
diseases
Gloeosporium limetticolum 6472
Sphaeropsis tumefaciens 9236
viruses 1411
fruits
composition 2882, 4668
drop
growth regulators 638
nutrition 638
set
growth regulators 638
nutrition 638
growth regulators
2,4-D, responses 4653
GA, responses 4653
irrigation
responses 5702
systems 5702
leaves
biochemistry
growth regulators 4653
nutrition 4653
nutrients, absorption, assessment 2039
nutrition, zinc 638, 4653
plant
composition 4536
calcium 5686
essential oils 2882
reviews 505
magnesium 5686
nitrogen 5686
phosphorus 5686
potassium 5686
Limes *cont.*
production, Brazil 6624
products, essential oils 4670
reports, India 6614
roots, development, assessment 5701-5702
rootstock scion relationships
biochemistry 5686
growth 5670
Limestone
utilization
fertilizers
apples 4929
pawpaws 6551
growing media
bedding plants 7095
Orchidaceae 6279
Pelargonium 6213
Rhododendron 5497, 6300
tomatoes 3430
vegetables 7095
Volvariella diplasia 2569
Limodorum abortivum, flowers, movements, physiology 4430
Limonium
growing media, composition 7095
nutrition 7095
Limonium bonduellii, cut flowers, production, protected cultivation 9816
Limonium latifolium, leaves, composition 8974
Limonium sinuatum, cut flowers, production, protected cultivation 9816
Limonoids
biosynthesis
calamondins 9238
lemons 2054
composition, *Melia azedarach* 6317
metabolism
biochemistry
lemons 3755
Phellodendron amurense 1247
growth regulators, lemons 7353
seasonal variation, oranges 5713
Linaria vulgaris, landscaping, arid regions 9786
Lindera, drought, injuries 2677
Lindera umbellata, plant, composition, flavonoids 1250, 1336
Linum, landscaping, arid regions 9786
Liothula omnivora, *Vaccinium corymbosum* 7625
Lipaphis erysimi
cauliflowers 980
radishes 260
Lipids
biochemistry
Orchidaceae 3913
plants 5822
spinach 9631
biosynthesis
leeks 3278
peas 4271-4272
reviews 8494-8495
Sinapis alba 4487
Vicia faba 1032
characterization
rubber 9290
spinach 3302
composition
Acacia 9095
Amaranthus tricolor 6162
apples 8551
Balanites orbicularis 1380
Betula pendula 8169
Cucurbita foetidissima 6949
garlic 6862
Koelreuteria apiculata 492
oil palms 4761
peas 8879
Phaseolus coccineus 2470
Salix daphnoides 8169
Sapindus saponaria 1994
tea 5781
tropical fruits 9256
Washingtonia filifera 9931
determination
horticultural crops 8493
Orchidaceae 3913
metabolism
biochemistry, cauliflowers 982
Lipids *cont.*
metabolism *cont.*
calcium, cucumbers 6024
ethylene, roses 8093
germination, pawpaws 4765
growth regulators, *Citrullus vulgaris* 1713
ozone, vegetables 7686
photosynthesis
horticultural crops 42
spinach 9627
pollination, *Lilium longiflorum* 9842
ripening
apples 1586
oil palms 3819, 4759
pawpaws 8412
Raphia hookeri 1388
tomatoes 9764
seasonal variation, Jerusalem artichokes 1687
senescence
carnations 2581, 6194, 7924, 9800
horticultural crops 7473
roses 8093
tomatoes 9764
storage
apples 3974, 8553
cut flowers 8084
spinach 9638
temperature
Morus bombycis 5876
Nerium oleander 5529
tomatoes 5529
tissue culture
Parthenocissus tricuspidata 7939
Petunia 7939
water relations, carnations 6194
ultrastructure, *Palisota barteri* 7956
Lipolexis gracilis, control, of *Toxoptera aurantii,* feijoas 6499
Lippia sidoides, plant, composition 10011
Liquidambar, roots, development, wounds 1212
Liquidambar formosana, cultural methods, containers 1876
Liquidambar styraciflua
plant
composition, flavonoids 9089
development, phenology 9089
tissue culture, propagation, techniques 1889, 7218
Liquorice (*see Glycyrrhiza)*
Liriodendron tulipifera
landscaping, roadsides 9107
planting stock, production, containers 2676
topworking 1860
Liriomyza bryoniae
greenhouse crops 2346
tomatoes 2537, 6119
Liriomyza huidobrensis, chrysanthemums 2589
Liriomyza sativae
cucumbers 9685
tomatoes 7044
Liriomyza trifolii
Capsicum 5314
celery 2555
chrysanthemums 1121, 2589, 3490-3491, 6203
container grown plants 7897
Gerbera 6208
greenhouse crops 2346
melons 997
ornamental plants 7897
tomatoes 1736, 2537
Listera cordata, chromosomes 3565
Listera ovata, seeds, treatment 8052
Litchi
air layering 1433
cultivars
assessment, Australia 8346
characteristics, Australia 9245
growth regulators 7381
cultural methods, Australia 1390
diseases, *Geotrichum candidum* 3771
flowers
development, ringing 7367, 8348

Litchi cont.
flowers *cont.*
initiation
growth regulators 7381
physiology 3769
reviews 7368
fruits
biochemistry, handling 2885
composition 8371
development
physiology 1434, 8349
respiration 5722
drop, cultivars 2884
quality, cultural methods 8350
ripening
biochemistry 9246
growth regulators 6500-6501
set
boron 2064
growth regulators 3770
reviews 7368
growth regulators, NAA, responses 3770
handling, techniques 2885, 5721
nutrition 2063
boron 2064
pests
Aceria litchii 649
Acrocercops cramerella 649
plant, development, phenology 2899
protected cultivation 8350
reports
Australia 4817
Israel 7459
South Africa 9318
research, Spain 6513
ringing, responses 3769, 8348
stooling, techniques 4673
storage
diseases 3771
systems, cold storage 5735
water relations
diurnal variation 8347, 10099
solar radiation 10098
Lithium
composition, pears 4030
responses, *Oxalis regnellii* 3511
Lithocarpus edulis, roots, morphology 9914
Lithops pseudotruncatella, tissue culture, propagation, techniques 1830
Lithospermum erythrorhizon
plant, composition 1290
tissue culture, metabolites, production 4493, 8259
Lithospermum ruderale, plant, composition 1927
Litsea lecardii, plant, composition, alkaloids 8260
Lobesia botrana, grapes 3926, 4126, 5942, 6838, 8711-8712, 9585-9586
Lobivia
protected cultivation, temperature 2647
tissue culture, propagation, techniques 3556
Lobularia maritima
landscaping, slopes 7085
plant, composition, glucosinolates 5596
pollution, phthalates 6639
seeds, germination, tests 3892
Loganberries
chimaeras 4064
tissue culture, propagation, micropropagation 4064
training, mechanical methods 876
Lolium, as weeds, grapes 7669
Lolium multiflorum
as weeds
grapes 7669
lawns and turf 2632
growth regulators, GA, responses 2637
seeds, treatment 3546
Lolium perenne
as cover crops, temperate fruits 9333
as weeds, lawns and turf 1175
cultivars
assessment 8007
characteristics, Denmark 8008
diseases 9856
growth regulators 8006
winter hardiness 3545
Lolium perenne cont.
cultural methods, sports grounds 8012
diseases, *Laetisaria fuciformis* 9856
establishment
slopes 3545
sports grounds 4411
growing media, composition 3550
growth regulators
amidochlor, responses 6257
BA, responses 9858
flurprimidol, responses 9858
KUH 833, responses 9858
mefluidide, responses 1180, 1818, 6257, 8006, 8014
MH, responses 8006, 8014
MON 4621, responses 1819
MON 4623, responses 1819
paclobutrazol, responses 6257, 8014, 9858
pentefenzol, responses 9858
zeatin, responses 9858
growth retardation, growth regulators 1818-1819, 9028
herbicides
injuries 7164
tolerances 7164
irrigation
requirements, determination 9027
water, salinity 3548
landscaping, urban sites 8007
mowing 8013
plant
composition
growth regulators 1170
phenolic compounds 1170
development, assessment 8004
pollution
fluorine 7150
tolerances 475
regeneration, oversowing 8005
seeds
composition 1170
germination
salinity 6255
tests 6255
production, physiology 6259
utilization, lawns and turf 2630
weed control 1172, 5458, 7161, 7164
Lomatium dissectum, plant, composition 5613
Lomatophyllum, plant, vascular system 9872
Lonchaea aristella, figs 4005
Lonchocarpus capassa, plant, composition, lectins 3692
Lonchocarpus salvadorensis, seeds, composition 1926
Longans
cultural methods 7369
flowers, sex, growth regulators 7381
production 7369
Longidorus
currants 875
grapes 5940
Longidorus elongatus, *Mentha piperita* 5546
Longitarsus nigripennis, *Piper nigrum* 6328
Lonicera
cultivars, pests 6316
wild plants, surveys, China 6678
Lonicera japonica
ecology, USA 7219
photosynthesis, physiology 5515
Lonicera nitida, planting stock, production, containers 9092
Lonicera sempervirens, photosynthesis, physiology 5515
Lonicera tatarica
pests, *Hyadaphis tataricae* 6316
plant, composition, alkaloids 5567
Lophocereus schottii, photosynthesis, light 9868
Lophocolea heterophylla, plant, composition, essential oils 5543
Lophophora williamsii, grafting, unions, ultrastructure 8041
Loquats
cultivars, assessment, USSR 8351
frost, tolerances 4620
Loquats *cont.*
growth regulators
GA, responses 10100
NAA, responses 10100
production, Spain 6513
reports
Australia 6609
Cyprus 9316
Israel 7459
reviews 6502
Loranthus curviflorus, plant, composition 8164
Lotus berthelotii* × *Lotus eremiticus, characteristics 7954
Lotus corniculatus, regeneration 6256
Loxoma, taxonomy, nomenclature 1841
Luffa aegyptiaca
cultivars, identification 3332
flowers, sex, growth regulators 6010
pests, *Epilachna dodecastigma* 271
plant, composition, saponins 3352
seeds, treatment 4188
transpiration, measurement 5802
Luffa amara, plant, composition, growth regulators 10012
Lupinus, utilization, erosion control 467
Luvunga scandens
fruit, composition 520
plant, composition, essential oils 519
Lycaenidae, control, of *Maconellicoccus hirsutus,* grapes 184
Lycium chinense
cultivars, characteristics, Korea Republic 5614
cultural methods, Korea Republic 5614
Lycopersicon (*see also* Tomatoes)
Lycopersicon peruvianum, plant, composition, essential oils 7871
Lycopersicon pimpinellifolium, plant, composition, essential oils 7871
Lycoris radiata, bulbs, composition 4406
Lygus pratensis, radishes 7755
Lymantria dispar, woody plants 9065
Lyophyllum aggregatum, composition, polysaccharides 6169
Lyophyllum cinerascens, composition, polysaccharides 6169
Lysimachia nummularia, leaves, histology 2600
Macadamia
air layering 1433
cultivars
assessment, Malawi 3772
growth regulators 7371
flowers, development 7370
fruits, loosening, growth regulators 650
grafting, techniques, assessment 2886, 6503
irrigation, systems 5766
nutrients, requirements, assessment 7310
nuts, loosening, growth regulators 7371
pests
Cryptoblabes gnidiella 6504
Cryptophlebia leucotreta 6504
Ectomyelois ceratoniae 6504
integrated control, reviews 7490
processing, residues 5723
propagation, techniques 3772
reports
Australia 4817, 6607
Israel 7459
South Africa 9318
yearbooks 4803
Macadamia integrifolia, as rootstocks, *Macadamia* 3772
Macadamia tetraphylla, as rootstocks, *Macadamia* 3772
Maclura pomifera
plant, composition 8109
products, fuels 7445
Maconellicoccus hirsutus, grapes 184
Macrophomina phaseolina, melons 3331
Macroposthonia xenoplax, grapes 5940
Macrotomia cephalotes, plant, composition, pigments 4492
Macrozamia
species, characteristics, Australia 1231
taxonomy, keys 1231
Macrozamia lucida, seeds, development 1877

Madhuca latifolia, seeds, composition 6451
Madhuca longifolia
plant, composition, saponins 1979
seeds, composition 4606
Maesa ramentacea, plant, composition 5581
Maesopsis eminii, plant, composition, quinones 3693
Magnesium
absorption
apples 9429
bananas 10122, 10124
Capsicum 6092
carrots 5356
mandarins 9237
Petunia 4360
Phaseolus vulgaris 3358
tomatoes 6128, 7023
composition
apples 3098, 4937
Citrus 4668
coconuts 7402
grapes 177, 7683
lettuces 8791
oranges 9229
pears 4030
peas 3372
Perilla frutescens 5366
Plumbaginaceae 8974
Proteaceae 7089
vegetables 3266, 7694
deficiency
apples 8529
Asparagus 6981
Basella alba 6164
Caladium 6272
Citrus 4643
cucumbers 2427, 5248
Gerbera 1772
melons 269
onions 6872
persimmons 8363
poinsettias 1862
rubber 6559
tomatoes 3438, 7859, 9745
determination, horticultural crops 8496
fertilizers, assessment, pot plants 5414
metabolism
boron, mandarins 5694
cadmium, peas 3274
calcium
apples 3127, 3973
black currants 3192
cocoa 2076
cucumbers 5248
Petunia 1129
tomatoes 3438
vegetables 350
disorders, apples 3973
growth regulators
satsumas 2851
sour oranges 10084
herbicides, lettuces 6898
irrigation
apples 3102
beetroots 3275
cabbages 3275
leeks 3275
mulching, *Vaccinium vitis-idaea* 7617
nitrogen
cucumbers 2429, 5248
grapes 6830
oranges 2856
strawberries 1631
tomatoes 2527, 3434
nutrition, tomatoes 4318
phosphorus
Brassica 6001
oranges 2856
pecans 8610
pollution, lettuces 6898
potassium
apples 6700, 6708
black currants 3192
Brassica 6001
cucumbers 5248
grapes 6830
oranges 2856
sugarcane 7425
Magnesium *cont.*
metabolism *cont.*
potassium *cont.*
tomatoes 3436
Vaccinium corymbosum 7624
pruning, apples 3973, 8521
rootstock scion relationships
Citrus 5686, 6463
lemons 620
salinity
guavas 2084
Phaseolus vulgaris 2464
pomegranates 8365
Vaccinium ashei 8645
seasonal variation
cherries 3998
Coriandrum sativum 499
peaches 6753
persimmons 6510
soil water
celery 3317
lettuces 3317
storage, apples 3973
sulphur, oranges 2856
temperature
bananas 4684
Capsicum 6091
grapes 922
pomegranates 8365
nutrition
apples 808, 8520
aubergines 350
Basella alba 6164
broccoli 977
Calluna vulgaris 6292
Capsicum 350, 6993
celery 5361
chives 5975
Citrullus vulgaris var. *fistulosus* 268
cucumbers 267, 350, 8832
Cupressus macrocarpa 1855
Cymbopogon winterianus 3635
Erica darleyensis 5490
foliage plants 9033
Gladiolus 2615
grapes 178, 180, 2316, 4118, 6834, 9582
hops 1272
Lantana camara 5524
lemons 7341
lettuces 5361
melons 8835
nectarines 5014
oil palms 4755, 6548
oranges 2857
peaches 4020, 5883
pecans 5060
pineapples 10179
pot plants 1185
radishes 2406
Rhododendron 5497, 7196
roses 2701
rubber 2091, 6558-6559
spinach 1669
strawberries 6811
tea 2999
tomatoes 361, 367, 3436, 6126, 7039-7040
vegetables 204, 1658, 8729
watermelons 8836
requirements
analysis
apples 804, 1572, 2220, 3948, 7533
avocados 6456
bananas 8379
cherries 3997
Citrus 3744, 7332
Citrus latifolia 5686
coconuts 6532
Gerbera 4352
grapes 175, 3238, 4116, 5138, 6827, 6836
limes 5686
mandarins 3745
mangoes 3813
oil palms 4755
onions 6872
oranges 10074
pecans 9516
Magnesium *cont.*
requirements *cont.*
analysis *cont.*
pineapples 7415
plants 6628
plums 3183
sugarcane 3837
tomatoes 3436-3437, 7024-7025, 7027
Vaccinium vitis-idaea 7622
walnuts 6770
toxicity, tomatoes 3437
translocation
plums 8619
pomegranates 8366
sour oranges 10073
Magnolia
planting stock, production, techniques 9080
seedlings, production, cultural methods 9080
Magnolia coco, characteristics 1861
Magnolia grandiflora
buds, development, physiology 5493
disorders, dieback 1219
plant, composition, proteins 40
planting stock, production, containers 3579
Magnolia kobus
buds, development, physiology 5493
planting stock, production, techniques 3578
Magnolia salicifolia, plant, composition, lignans 1337
Magnolia soulangiana
cuttings 1211
planting stock, production, techniques 3578
tissue culture
physiology 2689
propagation, micropropagation 1824
Magnolia tripetala
budding, techniques 1860
rootstock scion relationships, compatibility 1860
Mahoberberis, tissue culture, propagation, techniques 4433
Mahonia aquifolium
leaves
spectral data 3605
ultrastructure 3605
Maihuenia poeppigii
photosynthesis
CAM pathway 6265
physiology 6265
Maladera castanea, woody plants 2680
Malawi
Macadamia, cultivars 3772
tung, cultural methods 1442
Malaxis, cultural methods, pot plants 1203
Malaxis cylindrostachya, pollen, development, cytology 9060
Malaysia
cashews, pests 4708
medicinal plants, surveys 5581
Metroxylon, books 735
rubber
cultivars 3825
cultural methods 10186
new journals 8435
Mallotus japonicus, plant, composition, cytotoxic compounds 10013
Mallotus philippensis, plant, composition 1927
Malpighia punicifolia, fruits, ripening, biochemistry 896
Malus (*see also* Apples)
cultivars, diseases 5527
cuttings, cultural methods 469
diseases
Erwinia amylovora 5527
Gymnosporangium juniperi-virginianae 5527
Podosphaera leucotricha 5527
Venturia inaequalis 5527
frost, injuries 869
herbicides, tolerances 473
ornamental plants
landscaping, USA 3570
pollination, apples 4941, 9458

Malus cont.
research, USA 9782
wild plants, surveys, China 6678
Malus baccata, diseases 5527
Malus floribunda, diseases 5527
Malus hupehensis, diseases 5527
Malus micromalus, as rootstocks, apples 1565
Malus prunifolia, as rootstocks, apples 9401
Malus sieversii, as rootstocks, apples 3116
Malus toringo, diseases 5527
Malus tschonoskii, diseases 5527
Malva
as weeds
container grown plants 9064
Gladiolus 9012
Malva sylvestris
as weeds
carrots 5354
onions 8751
Malvaviscus, planting stock, production, containers 9064
Mamestra brassicae
cabbages 6003, 9653
cauliflowers 9653
Mammea americana, wild plants, utilization, Mexico 5917
Mammea longifolia, plant, composition, coumarins 3654
Mammillaria
protected cultivation, temperature 2647
taxonomy, nomenclature 8042
Mammillaria dioica
photosynthesis
CAM pathway 6265
physiology 6265
Mammillaria lasiacantha, heat, resistance, physiology 7167
Mammillaria woodsii, photosynthesis, CAM pathway 8027
Mandarins
as rootstocks
Citrus 4631
grapefruits 3738, 5663
lemons 620, 6471
oranges 1394, 2842, 6471, 8327, 9222
tangors 6471
cultivars
assessment, Pakistan 1395
characteristics
China 9221
Cuba 2840
USA 7321
diseases 9233
nutrition 3746
pollination 4655
pruning 1405
cultural methods, slopes 1401
cuttings, treatment, growth regulators 7381
diseases
Citrus tatter leaf virus 9230
Citrus tristeza virus 9230
Sphaeropsis tumefaciens 9236
viruses 1411
Xanthomonas campestris pv. *citri* 9233
disorders, granulation 628
flowers, composition 7356-7357
frost
protection, materials 5673
resistance, rootstock scion relationships 1398
fruits
colour, growth regulators 4658, 6486
composition 4668
development, biochemistry 10091
drop, growth regulators 4658
quality
harvesting 3757
position 3757
set, growth regulators 7381
size, herbicides 1400
growth regulators
chlormequat, application 10087
2,4-D, responses 628
GA
absorption 1416

Mandarins *cont.*
growth regulators *cont.*
GA *cont.*
application 10087
responses 628
NAA, responses 628
2,4,5-T, responses 628
harvesting, harvesting date, assessment 3757
herbicides, responses 1400
irregular bearing, cultivars 4660
irrigation
responses 626
systems 1401
leaves
colour, nutrition 5691
cytology 4833
physiology 8336
mycorrhizas 3747
nutrition
boron 5694
calcium 3744-3745, 7336-7337
iron 5692
magnesium 3744-3745
nitrogen 2051, 3745, 5689, 5691, 10063
phosphorus 2051, 3744-3745, 5689
potassium 2051, 3744-3745, 5689
parasitic plants, *Hemitria* 9237
pests
Aleurothrixus floccosus 10080
Belonolaimus longicaudatus 2861
Ceroplastes rusci 10081
Diaprepes abbreviatus 621
Panonychus citri 5696
Phyllocoptruta oleivora 5696
Polyphagotarsonemus latus 5695
photosynthesis, humidity 9237
plant
composition
copper 3918, 7357
essential oils 5539
reviews 505
iron 7357
manganese 3918, 7357
nitrogen 7356
phosphorus 7356
potassium 7356
zinc 7357
plant residues, composition 5716
pollen, tubes, development 637
pollination
compatibility 9221
cultivars 4655
production, Brazil 6624
products, essential oils 4670, 5716
protected cultivation, systems, assessment 5673
pruning, responses 1405
reports, Australia 4817, 6609
roots, composition 1418
rootstock scion relationships
diseases 9233
growth 1398, 4624, 4629
nutrition 2039
temperature 1398
yields 4624, 4629
salinity
responses 10077
tolerances 5664
seeds, composition 10091
shoots
development
environment 626
irrigation 626
storage 2876
biochemistry 10091
tissue culture, propagation, techniques 624, 7322
transpiration, humidity 9237
water relations, physiology 3737, 10083
Manganese
absorption
apples 9382
bananas 10122, 10124
grapes 4120
lettuces 3314
Pinus virginiana 9071
temperate fruits 6716
tomatoes 6128, 6716, 7023

Manganese *cont.*
composition
apples 3098
coconuts 2909
grapes 177, 7683
oranges 9229
pears 4030
squashes 2413
tropical fruits 7383
Vaccinium vitis-idaea 3204
vegetables 3266
deficiency
Acer 9915
Actinidia chinensis 9532
apples 80, 3951, 8529
Asparagus 6981
Caladium 6272
Citrus 4643
cucumbers 2427
Gerbera 1772
lemons 7340
Paullinia cupana 2028
pawpaws 8410
peas 6973
persimmons 8363
poinsettias 1862
Quercus palustris 5530
tomatoes 3432, 7038
determination
fruit crops 3920
horticultural crops 8496
lettuces 3920
mandarins 3918
tomatoes 3918
fertilizers, application, *Tilia platyphyllos* 7224
metabolism
calcium
black currants 3192
grapes 4119
tomatoes 3438
Vaccinium vitis-idaea 3204
flowering, *Citrus* 7357
iron, radishes 2406
irrigation
apples 3102
peaches 5006
magnesium
peaches 5883
radishes 2406
molybdenum, cauliflowers 6921
nitrogen
cucumbers 2429
grapes 6825
melons 8833-8834
Petunia 1129
nutrition, peaches 5015
phosphorus
Citrus limonia 1410
pecans 8610
photosynthesis, spinach 3303
potassium, grapes 4119, 6835
pruning, apples 4916, 8521
ripening, grapes 6846
rootstock scion relationships
Citrus 6463
lemons 620
salinity
guavas 2084
Phaseolus vulgaris 2464
seasonal variation
cherries 3998
persimmons 6510
silicon, *Vaccinium vitis-idaea* 3204
soil pH, *Vaccinium corymbosum* 5081-5082
temperature
bananas 4684
grapefruits 4636
vanadium, *Phaseolus vulgaris* 9702
nutrition
Capsicum 6993
cucumbers 8837
Erica darleyensis 5490
foliage plants 8043
grapefruits 4636
grapes 2314, 3240, 5121
lemons 7341
lettuces 2382
melons 8835
oranges 7358

Manganese *cont.*
nutrition *cont.*
peas 6973-6974
Phaseolus vulgaris 1019-1020, 5268
radishes 6927
rubber 6560
Simmondsia chinensis 8312
spinach 1669
Stevia rebaudiana 3730
sugarcane 713, 3842, 4788, 9293
tea 6582
vegetables 1658
Vicia faba 2473, 5268
watermelons 8836
requirements
analysis
bananas 8379
cherries 3997
Citrus 7332
grapes 4116
sugarcane 3837
responses, squashes 2413
toxicity
Actinidia chinensis 9532
Brassica 3320
Brassica chinensis 2408
Gerbera 1772
melons 8833-8835
peas 6973
Pelargonium 6213
Phaseolus vulgaris 9702
poinsettias 1862
Sinningia speciosa 9015
tomatoes 7038
Vaccinium corymbosum 7614
Vaccinium vitis-idaea 3204
watercress 2408
watermelons 8836
translocation, plums 8619
Mangifera (*see also* Mangoes)
Mangoes
climate, requirements 10153
cold, injuries 8370
conferences 9308
cultivars
assessment
Australia 10158-10159
Mexico 6541
biochemistry 2928, 4749, 10176
characteristics
Australia 10160
Mexico 6542, 9271
consumer preferences 10156-10157
diseases 3811
dwarf cultivars 4750
flowering 10155
growth 2928
nutritional value 5749
physiology 3815
pollination 3815
processing 1481-1482, 4748
propagation 10154
reviews 10154
yields 10155
cultural methods
Australia 1390, 10151
reviews 10150
cuttings, treatment, growth regulators 7381
deblossoming, responses 2086
diseases
Botryodiplodia theobromae 6545
control, Brazil 34, 6543
Dothiorella dominicana 10174
Fusarium 3811
Glomerella cingulata 6545, 10174
Oidium mangiferae 5750
surveys, Australia 10162
disorders
breakdown 9272, 10163
spongy tissue 4752, 8401
economics, Brazil 5656
flowers
abnormalities 7409-7411
biology 3815
development, growth regulators 2086
initiation 10166
growth regulators 692, 6544
physiology 3814, 10165

Mangoes *cont.*
flowers *cont.*
sex
deblossoming 7410
growth regulators 7381, 7410-7411
fruits
aroma, biochemistry 695
biochemistry
gamma radiation 3816
growth regulators 7411
composition 695, 4749, 6546, 7383, 8371, 9256
development, physiology 10167
drop, physiology 2087, 9273
quality
assessment 10176
growth regulators 7410-7411
ripening
biochemistry 693, 9274
growth regulators 1483
physiology 9273, 10171, 10173
storage 9274
set
cultivars 10155
temperature 3814
grafting, techniques, assessment 3812
growth regulators
auxins, responses 692
ethephon, responses 692, 1483, 10166
handling, techniques 10169-10170
harvesting, harvesting date, assessment 10168
insecticides, determination 2142
nutrition
calcium 3813
magnesium 3813
nitrogen 692, 3813, 7407, 10166
phosphorus 3813
potassium 3813, 7407, 10166
packing, techniques 10175
pests
Amritodus atkinsoni 4751
Apsylla cistellata 7408
control, Brazil 6543
Dacus dorsalis 690
integrated control, reviews 7490
Sternochetus mangiferae 5751
plant
composition 9959
essential oils 3624
heavy metals 3920
phenolic compounds 2928
terpenoids 691
development
phenology 2899
physiology 10164
planting stock, production, techniques 2929, 10154
pollination, cultivars 3815
processing, cultivars 1482, 4748
production
Australia 10152-10153
Brazil 6624, 7378
reviews 10149
products
beverages 1481
fodder 1484
reports
Australia 4817
Brazil 743
Cyprus 9316
India 3022, 6614-6615
Israel 7459
Malaysia 3884
South Africa 3024, 9318
research
Spain 6513
Sri Lanka 2896
respiration, temperature 9372
ringing, responses 10166
rootstocks
salinity 1391
soil pH 1391
seeds, composition 1484, 10177
shoots, development, seasonal variation 10165
storage
diseases 6545, 10174
disorders 4752

Mangoes *cont.*
storage *cont.*
physiology 9273
storage dips
fungicides 10169
waxes 10169
systems
assessment 10170-10171
cold storage 5735
temperature 694, 10172-10173
training, systems 10161
Mangosteens
plant, morphology 10114
storage, systems, cold storage 5735
Manihot esculenta, as weeds, oil palms 2936
Manihot glaziovii, pests, *Mononychellus tanajoa* 1386
Manilkara (*see also* Sapodillas)
Maranta leuconeura
cultural methods, pot plants 2644
pests, *Chaetanaphothrips signipennis* 3558
Marcotting (*see* Air layering)
Marigold (***Calendula***) (*see Calendula officinalis)*
Marjoram (*see Origanum)*
Marjorana (*see Origanum)*
Marketing
systems
tropical fruits 1444
vegetables 2351
vegetables, USA 9610
Marrows
cultivars
assessment
Belgium 989
Libya 2337
UK 6015
characteristics
Belgium 989
Israel 4186
fruits, development, water relations 7582
nutrition, nitrogen 6943
pests
integrated control 2346
supervised control 2346
planting, spacing 7770
reports, UK 4826
seedlings, production, cultural methods 5806
weed control 5240
Marsilea vestita, tissue culture, culture media 7165
Martinella iquitosensis, roots, composition 1338
Martinella obovata, roots, composition 1338
Maruca testulalis, Phaseolus vulgaris 3360, 4213
Matricaria perforata, as weeds, vegetables 4141
Matricaria recutita, tissue culture, responses, salinity 10014
Matteuccia struthiopteris
harvesting 1752
spores
germination
biochemistry 6277
storage 8026
tissue culture
organogenesis 4416
propagation, techniques 5469
Matthiola, cultural methods, pot plants 5414
Matthiola incana
diseases, biological control 6180
flowers
colour
biochemistry 9817
genetics 9817
pollution, phthalates 6639
seeds, treatment 2572
shoots, development, physiology 6224
Mauritius
Coriandrum sativum, cultivars 7230
horticultural crops, production 17
Palmae, production 4831
vegetables, cultural methods 2334

Maximiliana maripa, products, oils 5788
Maytenus diversifolia, plant, composition, cytotoxic compounds 3694
Mechanically induced stress
horticultural crops, reviews 6051
lettuces 7736
Meconopsis aculeata, pollination, compatibility 7131
Meconopsis betonicifolia, pollination, compatibility 7131
Meconopsis cambrica, pollination, compatibility 7131
Meconopsis horridula, pollination, compatibility 7131
Meconopsis horridula × *Meconopsis aculeata*, pollination, compatibility 7131
Meconopsis quintuplinervia, pollination, compatibility 7131
Meconopsis villosa (*see Cathcartia villosa*)
Medicinal plants
cultivars, characteristics, Hungary 20
cultural methods, Brazil 8460
pesticides, residues 3907
pests
control, conferences 8445
Nematoda 558
plant
composition
alkaloids 1285, 5578
heavy metals 3907
saponins 2757
production, Mauritius 17
reports, India 6615
reviews 5574, 9932
surveys
Central America 1928
El Salvador 1287
India 2760-2761, 5569-5570, 5577, 8162
Indonesia 9967
Iran 8160, 8166
Italy 6348
Malaysia 5581
Mexico 1283, 4536, 5572, 8156
Morocco 4538, 9934
Nepal 8165
Panama 8159
Papua New Guinea 6349, 9963
Peru 5573, 9142
Qatar 5575
Rwanda 8155
Saudi Arabia 8161
Senegal 9959-9961
South Africa 4534
South America 1928, 9143
Spain 8163
Sudan 1286, 4535
Tanzania 1281
Thailand 5571
Tonga 8157
USSR 5578
wild plants, surveys, Nepal 7465
Medicinal properties
Abutilon indicum 1929
Acacia catechu 4533
Acacia ehrenbergiana 8158
Acacia farnesiana 5570
Achillea asiatica 8126
Achyranthes aspera 9962, 9972
Aconitum 4539
Aconitum heterophyllum 4533
Acorus calamus 5569
Adansonia digitata 9961
Adenia volkensii 2762
Aegle marmelos 1284, 5570
Aesculus carnea 9140
Aganosma caryophyllata 1935
Agrimonia pilosa 1936
Ailanthus altissima 1289
Alchornea cordifolia 8177
Algae 4537
Allium chinense 9975
Allium tuberosum 1290
Aloe arborescens 9977
Aloe barbadensis 5570, 5582
Aloe perryi 5582
Alpinia galanga 3631
Alstonia 6358
Anaphalis contorta 1903
Anastatica hierochuntica 8158
Medicinal properties *cont.*
Anethum graveolens 8167
Angelica 3664
Angelica edulis 8268
Angelica pubescens 3658, 8179
Annona squamosa 2068
Anonidium mannii 3665
Areca catechu 555
Argyreia nervosa 4544
Artemisia 8126
Artemisia abyssinica 3667, 8164
Artemisia annua 1289, 5584
Artemisia vulgaris 1289
Asparagus racemosus 215
Aspilia pluriseta 1300
Astragalus dasyanthus 4545
aubergines 1066
avocados 4536
Azadirachta indica 1304, 1927, 8164, 9961
Baccharis megapotamica 3669
bananas 7257
Baptisia tinctoria 1306
Bauhinia candicans 8190
Berchemia racemosa 9151
Betula pendula 8169
Bidens aurea 4548
Bidens pilosa 8156
Boerhavia diffusa 564
Bombax malabaricum 3658
Borago officinalis 8167
Bougainvillea spectabilis 476
Brucea javanica 1289, 9984
Buddleja 1307
Bupleurum 8194
Bupleurum chinense 9153
Butea monosperma 8195
Caesalpinia sappan 565, 2769
Cakile maritima 5588
Cannabis sativa 5569, 7267, 8196
Capparis spinosa 5569
carnations 9966
Carthamus lanatus 8197
Cassia angustifolia 5590
Cassia senna 5590
Castanea crenata 555
Castanospermum australe 2067
Catha edulis 2024, 4608
Catharanthus roseus 1927
Cecropia obtusifolia 2773, 8156
celery 4495, 8180
Centaurea behen 5593
Centaurea phyllocephala 5593
Centipeda minima 1950
Chaenomeles speciosa 3658
Chamomilla recutita, reviews 2775
Chamomilla suaveolens 1312
Chasmanthera dependens 570
Chelidonium majus 1290
Chenopodium ambrosioides 5569
Chrysanthellum indicum 3676
Cimicifuga racemosa 1313
Cinchona pubescens 555
Cinnamomum aromaticum 555
Cinnamomum zeylanicum 9966
Cissus junceum 7257
Citrus junos 1431
Citrus sudachi 2062
Clausena anisata 3653
Cleome brachycarpa 9992
Clerodendrum inerme 7274
Cochlospermum vitifolium 8159
cocoa 9140
Coix lacryma-jobi 8208
Coleus forskohlii 3677
Convolvulus prostratus 8158
Conyza canadensis 7276
Corallocarpus epigaeus 4533
Coronilla varia 4558
Corydalis yanhusuo 8211
Coutarea latiflora 8156
Crataegus laevigata 8212-8213, 9140
Crinum 1315
Crotalaria verrucosa 1956
Croton penduliflorus 6387, 8214-8215
cucumbers 5569
Curcuma longa 1290
Curcuma xanthorrhiza 2780
Curcuma zedoaria 1290
Cuscuta chinensis 3678, 8216
Cussonia barteri 8217
Medicinal properties *cont.*
Cyamopsis tetragonoloba 5570
Cydonia sinensis 9140
Cymbopogon citratus 4504, 8218
Cynanchum wilfordii 1317
Cytisus scoparius 3601
Dalbergia odorifera 8219
Datura 1928
Datura stramonium 5569-5570
Dendrobium nobile 1845
Desmodium adscendens 1320
Deutzia corymbosa 9962
Dianthus chinensis 1290
Dieffenbachia amoena 8224
Dioscorea batatas 10002
Dioscorea bulbifera 1290
Dioscorea cirrhosa 2784
Dioscorea japonica 10002
Dregea volubilis 1321
Elaeophorbia drupifera 8235
Eleutherococcus senticosus 1322, 10003-10004
Enterolobium schomburgkii 8159
Ephedra 1323
Ephedra gerardiana 9962
Ephedra sinica 555
Eryngium maritimum 8233
Erythrina 1963
Erythrina senegalensis 9961
Erythroxylum 1928, 5601
Eucalyptus globulus 555
Eupatorium 3681
Eupatorium tashiroi 1965
Euphorbia 8235
Euphorbia hirta 1966
Euptelea polyandra 577
Excoecaria 1325
Ficus 4533
Ficus racemosa 3683
figs 5570
Flueggea microcarpa 1970
Fortunella japonica 2061
Fritillaria 1163
Gardenia lutea 4566
garlic 215, 1664, 9612
Gentiana lutea 527
Geranium lucidum 9962
Geranium nepalense 1290
Geranium thunbergii 555
globe artichokes 1689
Glossonema edule 8158
Gnaphalium indicum 9962
Grewia populifolia 1972
Grifola frondosa 2787, 8963
Guatteria gaumeri 1974
guavas 8399
Gundelia tournefortii 582
Gynostemma pentaphyllum 8245
Gyrinops walla 583
Hamelia axillaris 8159
Hamelia patens 8159
Hammada salicornica 8164
Harpagophytum procumbens 1333
Hedychium spicatum 1290
Heterophragma quadriloculare 1975
Hibiscus rosa-sinensis 3603
Hibiscus sabdariffa 559
Holarrhena 2790
Homalomena occulta 3658
Hosta plantaginea 1290
Hunteria umbellata 7284
Hypericum perforatum 5579
Ilex cornuta 4569
Inula cuspidata 7286
Ipomoea aquatica 9184
Ipomoea dichroa 5611
Ipomopsis aggregata 3668
Iris missouriensis 6410
Isoplexis chalcantha 3687
Jatropha curcas 589
Jatropha podagrica 3689, 8256
Juniperus communis 9962
Justicia pectoralis 4571
Lagenaria breviflora 7288
Lannea acida 5612
Lawsonia inermis 559
Ledum palustre 9966
lemons 1430
Lespedeza bicolor 5579
Lespedeza hedysaroides 5579
limes 4536

Medicinal properties *cont.*
Lithospermum erythrorhizon 1290
Lithospermum ruderale 1927
Lomatium dissectum 5613
Lonchocarpus capassa 3692
Loranthus curviflorus 8164
Madhuca longifolia 1979
Magnolia salicifolia 1337
Mallotus philippensis 1927
Martinella 1338
Mikania 8261
Mitragyna stipulosa 3695
Momordica charantia 1284
Momordica cochinchinensis 1290
Monotes engleri 7257
Montanoa tomentosa 1980
Morinda morindoides 1340
Moringa oleifera 8164
Morus 9187
Morus lhou 2794
Murraya koenigii 3606
Murraya paniculata 1342
Myrica rubra 555
Myristica fragrans 8122
Myrtus communis 1343
Narcissus tazetta 4395
Nerium oleander 5570
Nicotiana 1928
Nyctanthes arbor-tristis 1344
Ochrosia acuminata 3698
Ocimum americanum 4512
Ocimum sanctum 7243
oil palms 9961
Okoubaka aubrevillei 1982
olives 8359
onions 215, 8164
Ononis natrix 4575-4576
Onychium siliculosum 8263
oranges 9242
Pachysandra terminalis 8265
Paeonia lactiflora 1290
Paeonia suffruticosa 1290
Palicourea brachyloba 2797
Panax pseudoginseng 593, 9188
Paris polyphylla 1290
pawpaws 7257, 9961
peaches 3164-3165
peas 1927
Pergularia extensa 3703
Perilla frutescens 3640, 9189
Periploca sepium 3658
Peucedanum 8268
Peucedanum decursivum 8269
Phaulopsis falcisepala 3704
Photinia serrulata 3658
Phyllanthus emblica 5569
Phyllanthus sellowianus 1987
Physalis alkekengi 7294
Physalis minima 5569
pineapples 3824
Pinellia ternata 597
Pinus tabuliformis 3658
Piper aduncum 7295
Piper auritum 4536
Piper hispidum 7295
Piper longum 8274, 9962
Piper nigrum 2068
Plantago 4580
Platanus orientalis 9962
Plicosepalus acaciae 4535
Plumbago zeylanica 5570
Podophyllum peltatum 1927
Podophyllum pleianthum 598
Polygonatum stenophyllum 1355
Polygonum hydropiper 3705
Polygonum multiflorum 555
pomegranates 9962
Poria cocos 8966-8967, 9781
Poterium ancistroides 8276
Primula rosea 1130
Psittacanthus calyculatus 8156
Psychotria forsteriana 1357
Pterocarpus indicus 9191
Pterotaberna inconspicua 1991
Pueraria tuberosa 9962
Pulicaria crispa 8158
Pyrola rotundifolia 3658, 8278
Quassia 1289
Quercus infectoria 555
Quercus stenophylla 555
quinces 9140

Medicinal properties *cont.*
Ramalina yasudae 4596
Ranunculaceae 1282, 1288
Rhaponticum carthamoides 8282
Rheum palmatum 1290
Rhodiola 3706
Rhododendron arboreum 4532
Rhododendron luteum 5579
Rhus chinensis 1290, 1992
Rhus javanica 555
Rosmarinus officinalis 527
Rubia cordifolia 1290, 5569
Salacia reticulata 1284
Salix daphnoides 8169
Salpianthus arenarius 8156
Salvia officinalis 8167
Salvia pratensis 2603
Sanguisorba officinalis 555, 1290
Sapindus mukorossi 5631
Sapindus saponaria 1994
Saraca asoca 4532
Satureja montana 1266
Scutellaria baicalensis 1363
Selaginella doederleinii 1290
Senecio vulgaris 8291
Sesbania grandiflora 1997
Sideritis 7299, 8292
Sideritis cretica 5634
Sideritis mugronensis 1998
Sigesbeckia orientalis 3658
Simethis bicolor 8295
Solanum xanthocarpum 4533
Sophora flavescens 2807
sour oranges 4536
Spigelia anthelmia 8159
Spondias mombin 8177
Steganotaenia araliacea 6433
Stephania rotunda 601
Strychnos erichsonii 5637
Styrax argenteus 4536
Swertia japonica 7301
Symphytum officinale 4589
Syzygium aromaticum 555
Syzygium cumini 5570, 8297
Tabernaemontana dichotoma 1371
Tabernaemontana heyneana 1927
Tabernaemontana undulata 3716
Tecoma stans 8156
Terminalia catappa 8159
Terminalia chebula 555
Tetracera 602
Tetragonia tetragonioides 1290, 2007
Tetrapanax papyrifera 5639
Tetrapleura tetraptera 5640
Teucrium oliverianum 8164
Teucrium polium 8158, 8301
Thonningia sanguinea 1374
Thuja orientalis 1290
Torilis scabra 1280
Toxicodendron radicans 9966
Trachelospermum jasminoides 3658
Trapa bispinosa 1290
Trema micrantha 8159
Tribulus alatus 5642
Trigonella foenum-graecum 3721
Triumfetta lappula 8159
Turnera diffusa 8156
Uncaria 2013
Uncaria gambir 555
Uncaria tomentosa 2014
Usnea rubescens 4596
Valeriana 8306
Valeriana fauriei 6442
Vanillosmopsis erythropappa 3723
Verbena officinalis 6445
Vernonia 1376
Vernonia glabra 7257
Vicoa indica 3724
Vinca minor 7304
Virola 1928
Virola elongata 4597
Viscum album 8308
Vismia guineensis 6448
Vitex glabrata 10038
walnuts 8627
Waltheria glomerata 8159
Watsonia arnerdei 9140
Wisteria floribunda 1290
Withania coagulans 8309
Withania somnifera 8310-8311
Zanthoxylum ailanthoides 3658

Medicinal properties *cont.*
Zephyranthes flava 9208
Ziziphus mucronata 7257
Ziziphus sativa 8433
Mediocalcar, chromosomes 1202
Medlars
climate, requirements 9322
plant, composition, heavy metals 3920
reports, Netherlands 6616
Megalurothrips sjostedti, Phaseolus vulgaris 3360
Melaleuca
plant residues, utilization, growing media 9875
planting stock, production, containers 9064
Melaleuca armillaris, planting stock, production, containers 1851
Melanagromyza hibisci, okras 343
Melandrium noctiflorum, flowers, development, growth regulators 6669
Melandrium pratense, flowers, development, growth regulators 6669
Melanorrhoea usitata, plant, composition, phenolic compounds 10047
Melastoma malabathricum, as weeds, pineapples 3822
Melia *(see also Azadirachta indica)*
Melia azedarach
irrigation, water, salinity 6305
leaves, senescence 4866
plant, composition, flavonoids 6318
seeds, composition 6317
Melia umbraculiformis, seeds, composition 2447
Melilotus caspius, plant, composition 2758
Melilotus officinalis, plant, composition, coumarins 2759
Meliola tenella, *Murraya paniculata* 5251
Melissa officinalis
plant, composition, essential oils 3628
pollination, pollinators, insects 1258
Meloidogyne
Cyclamen 4379
figs 4005
grapes 183, 5927, 5940
horticultural crops 8490
peaches 105
peas 320
sugarcane 6578, 7427
tomatoes 389, 1736, 2516
vegetables 932
Meloidogyne arenaria
bananas 4686
Cucurbita pepo 998
Solanum torvum 348
tomatoes 998
Meloidogyne hapla
Pelargonium graveolens 3638
roses 3585, 5507
Vinca minor 2721
Meloidogyne incognita
almonds 8583
aubergines 352-353, 1064-1065, 8904
Capsicum 6995, 8893
cauliflowers 8807
chrysanthemums 3490
cucumbers 9685
grapes 5142
melons 999
okras 1053, 4291, 8887
onions 220
peas 8876
Piper betle 613, 1352, 9214-9216
Solanum torvum 348
stone fruits 8583
tomatoes 372-374, 388, 1071, 1082, 2536, 8937-8938
Zingiber officinale 8125
Meloidogyne javanica
almonds 8583
aubergines 1064
grapes 5142
Phaseolus lunatus 3359
pineapples 4770
Solanum torvum 348
stone fruits 8583
sugarcane 7428
tomatoes 375, 6346, 8939, 9755
Zingiber officinale 8125

Melons
- cold, resistance, cultivars 3333
- cultivars
  - assessment
    - Japan 4185
    - Libya 2337
    - Netherlands 2410, 6934
    - Poland 6014
  - biochemistry 6934
  - characteristics 3337-3338
    - Korea Republic 262
    - Venezuela 1704
  - diseases 3331, 3337-3338, 6011
  - germination 3333, 6017
  - processing 1704
  - protected cultivation 988, 4189, 6014, 6934
  - soilless culture 8831
  - storage 8848
  - temperature 3333, 9679
- cultural methods
  - France 5792
  - Hungary 9674
- diseases
  - *Cladosporium cucumerinum* 6025
  - control 763
    - Tunisia 7779
  - cucumber green mottle mosaic virus 548
  - *Didymella bryoniae* 3337
  - *Erysiphe cichoracearum* 6011
  - *Erysiphe polygoni* 6011
  - *Fusarium oxysporum* f.sp. *melonis* 262
  - *Leveillula taurica* 6011
  - *Mycosphaerella citrullina* 6025
  - *Oidium* 997
  - *Pseudoperonospora cubensis* 3337, 6025
  - *Sphaerotheca fuliginea* 262, 3337, 6011
  - viruses 997, 2435
- electrical properties, temperature 2348
- flowers, development, temperature 9679
- fruits
  - development
    - biochemistry 9691
    - physiology 9692
    - position 9688
    - temperature 9679
  - quality
    - assessment 1715, 6034
    - nutrition 269
  - ripening
    - biochemistry 6950
    - physiology 1006
- harvesting, equipment 8734
- heat, resistance, biochemistry 6030-6031
- herbicides, injuries 8827
- irrigation
  - fertilizers, application 5246-5247
  - responses 1074, 3341, 5243, 6020, 6939
  - systems 6020, 6939
- marketing, USA 9610
- mulching, materials 4190
- nutrition 269
  - calcium 3262
  - magnesium 8835
  - manganese 8833-8835
  - molybdenum 996
  - nitrogen 996, 3262, 5246-5247, 6944, 6992, 7005, 8833-8834
  - phosphorus 996, 6944
  - sulphur 207
- pests
  - *Aulacophora foveicollis* 1000, 4198-4199
  - *Bemisia tabaci* 2435
  - *Ceratitis capitata* 2446
  - *Dacus cucurbitae* 4198
  - *Diaphania nitidalis* 6025
  - *Liriomyza trifolii* 997
  - *Meloidogyne incognita* 999
  - *Tetranychus urticae* 997
  - *Trialeurodes vaporariorum* 997
- plant
  - composition
    - ascorbic acid 5826
    - heavy metals 3920

Melons *cont.*
- plant *cont.*
  - composition *cont.*
    - photosynthates 9688
  - processing, cultivars 1704
  - production, France, books 5792
  - protected cultivation
    - carbon dioxide 7005
    - cultivars 6934
    - cultural methods 4189
    - heating systems 4190, 4861
    - irrigation 4191, 6020
    - mulching 8830
    - systems
      - assessment 9674
      - plastic film 1536, 3054, 8823
    - temperature 9679
  - reports
    - Australia 6609
    - Belgium 8452
    - Canada 9313
    - Cyprus 9316
    - India 3022, 6615
    - Israel 744
    - New Zealand 6617
  - roots
    - development
      - irrigation 3341, 5243
      - planting 3341
  - rotations 9755
  - seedlings, production, cultural methods 5806, 8830
  - seeds
    - composition 2447
    - germination
      - inhibitors 2342
      - physiology 6018
      - temperature 3333
    - production, cleaning 1007
    - treatment 4188, 5163, 6017
  - soilless culture
    - cultivars 8831
    - nutrient solutions, composition 7005
    - nutrition 6944
    - systems
      - nutrient film techniques 8728
        - tropics 21
  - storage 280
    - biochemistry 8848
    - pests 2446
    - temperature 8848
  - temperature, responses, physiology 8844
  - tissue culture
    - culture media 8465
    - propagation, techniques 3340, 6019
  - weed control 265, 8825, 8827
- ***Menispermum dauricum,*** plant, composition, alkaloids 2792
- ***Mentha***
  - cultivars, biochemistry 8135
  - cultural methods
    - India 3625
    - USSR 8135
  - nutrition 2740
  - plant
    - composition
      - essential oils 3627
      - terpenoids 507
  - species, biochemistry 8135
- ***Mentha aquatica,*** plant, composition, essential oils 1899
- ***Mentha arvensis***
  - intercropping, *Cymbopogon winterianus* 3625
  - nutrition, nitrogen 6336
  - plant, composition, essential oils 521, 3624, 5544
  - rotations 521
  - weed control 4508
- ***Mentha longifolia***
  - plant
    - composition 2023
      - essential oils 1899
- ***Mentha piperita***
  - cultivars
    - assessment, Romania 1259
    - characteristics, USSR 5547
  - cultural methods, Poland 4509
  - cuttings, sources, assessment 8136
  - diseases, *Puccinia menthae* 8137

Mentha piperita *cont.*
- herbicides, injuries 8139
- intercropping, *Cymbopogon winterianus* 3625
- irrigation, responses 523
- nematicides, residues 5546
- nutrition, boron 1263
- pests, *Paratylenchus hamatus* 8139
- plant
  - composition 553
    - essential oils 504, 3624, 3626, 5539, 7242, 8138, 8145
- pollination, pollinators, insects 1258
- rotations 504
- weed control 5545
- yields, correlation 4510

Mentha piperita* var. *citrata
- cultural methods, India 1911
- harvesting, harvesting date, assessment 522

Mentha pulegium, pollination, pollinators, insects 1258

Mentha rotundifolia
- cuttings, sources, assessment 8136
- plant
  - biochemistry, seasonal variation 1264
  - composition, essential oils 1264
- pollination, pollinators, insects 1258

Mentha spicata
- cultivars, characteristics, India 1912
- cultural methods, India 1913
- cuttings, sources, assessment 8136
- plant, composition, essential oils 508, 3624

Mentha spicata* var. *crispa, cultivars, assessment, Romania 1259

Mentha viridis
- allelopathy 7848
- plant
  - composition 7848
    - essential oils 9949
- pollination, pollinators, insects 1258
- trichomes 9949

Mercurialis leiocarpa, plant, composition 7237

Mercury
- absorption, vegetables 7687
- composition, fungi 9779
- determination, vegetables 7687
- toxicity
  - Cucurbitaceae 4188
  - spinach 6882

Mesembryanthemum crystallinum, salinity, responses 9044

Mesembryanthemum nodiflorum, tissue culture, responses, salinity 8024

Mesostenus, control, of *Conopomorpha cramerella,* cocoa 7401

Mespilus (*see also* Medlars)

Metabolites
- translocation
  - *Cucurbita pepo* 2437
  - plants 5805

Metagonistylum minense, control, of *Diatraea saccharalis,* sugarcane 2986

Metarhizium anisopliae
- control
  - of *Hyphantria cunea,* mulberries 8575
  - of *Oryctes rhinoceros,* coconuts 8389
  - of *Thrips tabaci,* cucumbers 7782
  - of *Zeuzera pyrina,* apples 8535

Metasequoia glyptostroboides, cuttings 1848

Metasyrphus americanus, pollinators, apples 3963

Metrosideros carminea, cuttings 7204

Metrosideros excelsa, trichomes 6181

Metrosideros robusta, frost, tolerances 1111

Metrosideros umbellata, frost, tolerances 1111

Metroxylon, books, Malaysia 735

Meum athamanticum, plant, composition, lactones 6160

Mexico
- *Agave,* conservation 2747
- *Agave fourcroydes,* production 2748

Mexico *cont.*
Agave salmiana
conservation 2814
cultural methods 2815
Agave tequilana, cultural methods 2816
Allium, cultural methods 3889
bananas, cultivars 7388
Brassica campestris, cultural methods 3889
Capsicum, cultivars 6987
Crataegus pubescens, cultural methods 130
Cucurbita foetidissima, cultural methods 4605
fruit crops, wild plants 5917
Hemizonia fasciculata, cultural methods 3889
horticultural crops, conferences 3873
mangoes, cultivars 6541-6542, 9271
medicinal plants, surveys 1283, 4536, 5572, 8156
Opuntia, edible species 7073-7074
Opuntia ficus-indica, cultural methods 7074
Vicia faba, cultivars 1029
Michelia champaca
plant, composition, essential oils 3624
reports, India 6615
Microbiota decussata
cultivars, characteristics, Canada 8970
planting stock, production, containers 9070
Microcitrus, pests, *Diaprepes abbreviatus* 621
Microcoelia
chromosomes 1202
seeds, germination, physiology 8053
Microcyclus ulei, reports 8457
Micromelum minutum, plant, composition, coumarins 6412
Micropera
protected cultivation, cultural methods 1841
taxonomy, nomenclature 1841
Micropropagation (*see* Tissue culture)
Microsorium fortunei
plant
composition
coumarins 2655
nucleic acids 2655
Microtus, apples 1575
Mikania, as weeds, oil palms 2933
Mikania cordata, as weeds, oil palms 2932
Mikania guaco, plant, composition, lactones 8261
Mikania micrantha, as weeds, oil palms 1487
Mikania vitifolia, plant, composition, lactones 8261
Mimosa pudica
dwarfing 6051
leaves
histology 5528
movements, physiology 5528
seeds, germination, inhibitors 2147
Mimulus, cultural methods, pot plants 3502
Mimusops elengi, utilization, shade plants, *Elettaria cardamomum* 3615
Mineral wool, utilization, growing media, tomatoes 5334
Mint (*see Mentha)*
Mirabilis jalapa, pollination, pollinators, moths 6225
Mirabilis multiflora, landscaping, arid regions 9786
Miscanthus sinensis, cultivars, assessment, German Federal Republic 9787
Mitragyna stipulosa, plant, composition, alkaloids 3695
Mitrephora heyneana, plant, composition 8275
Mollugo verticillata, as weeds, *Brassica* 5212
Molluscicidal properties
Acacia catechu 3648
Acacia nilotica 8150
Agave cantala 7260
Albizia 9958
Azadirachta indica 9958
Molluscicidal properties *cont.*
Clausena anisata 3653
Entada africana 9958
Euphorbia tirucalli 5562
Gardenia lutea 4566
Hypoxis nyasica 3650
olives 5727
Rosa gallica 9958
Securidaca longipedunculata 3650
Sesamum angolense 3650
Strychnos spinosa 3650
Terminalia chebula 3648
Molluscicides, sources, reviews 6345
Molybdenum
absorption
celery 9771
lettuces 3314
composition
horticultural crops 6655
vegetables 3266
deficiency
Asparagus 6981
cucumbers 2427
pawpaws 8410
peas 6973
poinsettias 1862
spinach 1669
nutrition
cauliflowers 6921
cucumbers 2430, 8837
foliage plants 8043
grapes 3240
melons 996
peas 6973
raspberries 2284
spinach 1669
Stevia rebaudiana 3730
sugarcane 9293
vegetables 1658
Vicia faba 2473
requirements, analysis, cherries 3997
toxicity, peas 6973
translocation, tomatoes 4327
Momordica balsamina, plant, composition, lipids 5822
Momordica charantia
as weeds
cocoa 2903
sugarcane 2973
flowers
sex
growth regulators 7791
temperature 7790
pests, *Dacus cucurbitae* 544
plant, composition 1284
seeds, treatment 925
Momordica cochinchinensis, plant, composition 1290
Monacrosporium ellipsosporium, control, of *Meloidogyne incognita,* tomatoes 2536
Monarda
cultural methods, Canada 1265
plant, composition, essential oils 1899
Moneilema gigas, Trichocereus spachianus 9886
Monellia caryella, pecans 4034
Monellia pecanis, pecans 4034
Monilia, apricots 4958
Monilinia
apples 9437
peaches 6755
Vaccinium 1522
Monilinia fructicola, peaches 4013
Monilinia laxa
almonds 4885
apricots 831
cherries 2229, 4878
Moniliophthora roreri, cocoa 6525
Monodora myristica, seeds, composition 5615
Monographella nivalis, lawns and turf 3550
Mononychellus tanajoa, Manihot glaziovii 1386
Monotes engleri, plant, composition 7257
Monstera, seedlings, production, cultural methods 4417
Monstera deliciosa, cultural methods, pot plants 2661, 8043, 9037
Montanoa frutescens, plant, composition, terpenoids 4573
Montanoa leucantha, plant, composition, lactones 10015
Montanoa tomentosa
leaves, composition 1980
plant
composition 592
terpenoids 591, 1339
Montmorillonite, utilization, growing media, foliage plants 9875
Moraea, plant, composition, phenolic compounds 9785
Morchella costata, composition 7081
Morchella esculenta, protoplasts 1758
Morinda lucida, tissue culture, biochemistry 2793
Morinda morindoides, plant, composition 1340
Moringa oleifera, plant, composition 8164
Morning glories (*see Ipomoea; Pharbitis)*
Morocco
essential oil plants, surveys 9934
medicinal plants, surveys 4538, 9934
olives, cultural methods 6505
spice plants, surveys 9934
Morus (*see also* Mulberries)
plant
composition
flavonoids 9187
phenolic compounds 8262
wild plants, surveys, China 6678
Morus bombycis, cold, resistance, biochemistry 5876
Morus lhou
plant
composition
glycosides 10016
phenolic compounds 2794
tissue culture, propagation, techniques 3140
Mosses, control, lawns and turf 8010
Mucilages
biochemistry, Malvaceae 8154
characterization, okras 2502
composition
Aloe barbadensis 5582
Aloe perryi 5582
metabolism
geotropism, onions 9618
seasonal variation
Taxus baccata 9067
Thuja occidentalis 9067
Muehlenbeckia astonii, landscaping, New Zealand 7180
Muhlenbergia schreberi, as ground cover plants, apples 8519
Mulberries
climate, requirements 9322
cuttings 5875
growth regulators
ABA, determination 9324
IAA, determination 9324
pests, *Hyphantria cunea* 8575
plant
composition 9134
flavonoids 9187
pollution
hydrogen fluoride 4435
ozone 4435
tissue culture, propagation, micropropagation 2243
Mulching
materials
apples 79, 3103, 3943, 7526, 9417
aubergines 6190
bananas 2071
cabbages 978
Capsicum 5313
carnations 6190
Chinese cabbages 1698-1699, 5971
chrysanthemums 3488
coffee 9268
cucumbers 4192, 8829
garlic 5963
grapes 8701
greenhouse crops 6638
horticultural crops 4842, 6641, 8490
lawns and turf 4410
lettuces 6899
melons 4190

Mulching *cont.*
materials *cont.*
nectarines 5882
oil palms 2938, 6547
okras 2501
onions 5971
ornamental plants 2678, 6179
Panax quinquefolius 6417
peaches 5882
peas 4252
Phaseolus vulgaris 5266
plums 2262
satsumas 5682
strawberries 148, 6807, 7642, 8670
tangelos 2050
tomatoes 1073, 3419, 3426-3427, 5321, 7015
Vaccinium corymbosum 9551
Vaccinium vitis-idaea 7617
vegetables 5959, 9606
Vicia faba 6967
watermelons 5244
woody plants 7182, 8066, 9091
responses
apples 79, 1573, 3103, 3943, 4911, 7526, 9417
aubergines 6190
bananas 2071, 9258, 10121
black currants 9537
cabbages 978
carnations 6190
carrots 4334
Chinese cabbages 1698-1699, 5971
chrysanthemums 3488
coffee 2915, 9268, 10135
cucumbers 4192, 8824, 8829
garlic 5963
grapes 2309, 8701, 9575
horticultural crops 8490
lawns and turf 4410, 9857
leeks 8742
lettuces 6899, 9649
nectarines 5882
oil palms 2938, 6547
okras 2501
onions 5971
ornamental plants 2678, 6179
Panax quinquefolius 6417
peaches 5882
peas 4252
Phaseolus vulgaris 5266
plums 2262
satsumas 5682
strawberries 148, 2290, 6807, 7642, 8667, 8671
sugarcane 6571, 6573
tangelos 2050
tomatoes 1073, 3419, 3426-3427, 5321, 7015, 8920
Vaccinium corymbosum 9551
Vaccinium vitis-idaea 7617
vegetables 8726
Vicia faba 6967
watermelons 5244
woody plants 6283, 7182, 8066, 9091
Muntigia calabura, plant, morphology 10114
Murraya euchrestifolia, plant, composition, alkaloids 1341
Murraya koenigii
plant, composition, alkaloids 1981, 4574
products, reviews 3606
Murraya paniculata
diseases
Meliola tenella 5251
Sphaeropsis tumefaciens 9236
plant, composition, alkaloids 1342
Musa (*see also* Bananas)
Musa textilis, tissue culture, propagation, techniques 1452
Muscari armeniacum
bulbs, development, growth regulators 5447
forcing 1167
tissue culture, propagation, techniques 7156
Muscari botryoides
bulbs
development
biochemistry 5450
growth regulators 5447
Muscari comosum
bulbs
composition 445
development, growth regulators 5447
Mushroom compost
utilization
fertilizers, vegetables 3261
growing media, tomatoes 8918
soil amendments, cucumbers 8839
Mushrooms
books 3008
browning 7080
biochemistry 6667
buildings, climate, control 9775
casing 1755, 7887-7888
composition 1104, 2566, 3070
cadmium 7890
enzymes 1103, 1759, 7077-7078, 7080
mercury 9779
polysaccharides 6169
cultivars, assessment, Netherlands 7076
cultural methods
Bulgaria 9774
mechanization 9775
diseases, surveys, Brazil 8960
disorders, surveys, Brazil 8960
flavours, biochemistry 6168
fructification 1755, 2564, 9777
growing media
composition 6167, 7888, 8918, 9776
reviews 407, 2561
microorganisms 7077
production 408, 1754, 2562-2563, 6167
water relations 8959
handling, techniques 1756, 2565, 6674, 9778
herbicides, residues 8918
nutrition, manures 6171
pests, *Heteropeza pygmaea* 3463
production
containers 1102
Hungary 1753
quality
gamma radiation 7079
reviews 7889
reports
India 3022
Irish Republic 3883, 9317
Switzerland 15
UK 3885, 4828, 9320
spawn, production 4345
storage, temperature 2565
Mussaenda frondosa, plant, composition, flavonoids 5616
Mussaenda hirsutissima, plant, composition, flavonoids 5616
Mussaenda phillipica
cultivars, propagation 4468
cuttings 4468
Mycocentrospora acerina
carrots 3327, 6157, 8953
lettuces 4165
Mycogone perniciosa, mushrooms 8960
Mycorrhizas
Actinidia chinensis 9530
apples 6705
Arachniodes adiantiformis 6268
Asparagus 2497, 3387
aubergines 7003
cardoons 954
Cassia tora 7269
chrysanthemums 1118
Citrus 2854, 3747, 8330, 9226
cocoa 9261
dates 9243
grapes 2311, 5139
lawns and turf 2638
leeks 217, 6705
onions 941, 2361, 7707-7708, 8755
pears 9505
peas 1040
Phaseolus vulgaris 6044
Pinus virginiana 9071
Mycorrhizas *cont.*
reviews 2141
roses 8079
sour oranges 2855
Tagetes patula 6705
temperate fruits 9505
Vaccinium angustifolium 8647
Vicia faba 304
Mycosphaerella caryigena, pecans 3177
Mycosphaerella citri
grapefruits 4647, 6475
oranges 6473-6474, 9235
Mycosphaerella citrullina, melons 6025
Mycosphaerella fijiensis, bananas 1530
Mycosphaerella fragariae, strawberries 6801
Mycosphaerella juglandis, Juglans nigra 6771
Mycosphaerella macrospora, Iris 5440
Mycosphaerella musicola, bananas 1458, 2069, 10118
Mycovellosiella koepkei, reports, Mauritius 4822
Mylloceras subfasciatus, aubergines 6099
Myndus taffini, coconuts 4727
Myrciaria cauliflora, reports, Australia 6609
Myrianthus arboreus, plant, composition 3696
Myrica pensylvanica, nutrition, nitrogen 2679
Myrica rubra
cultural methods, China 653
plant, composition, tannins 555
Myristica fragrans
flowers, development, histology 9936
plant
composition 5533
essential oils, reviews 505
pollination, pollinators, *Formicomus braminus* 6327
processing, residues 4483
reports, Sarawak 6619
seeds, composition 8122
Myristica malabarica, flowers, development, histology 9936
Myrothecium roridum
Anthurium scherzerianum 1195
Kalanchoe 1195
Myrtaceae
grafting, techniques, assessment 6285
reviews 4743
Myrtillocactus geometrizans, as rootstocks, *Echinopsis* 2658
Myrtus communis
climate, requirements 9322
landscaping, urban sites 487
plant, composition 554, 1343
Mystrops costaricensis, pollinators, oil palms 5754, 8407
Myzus persicae
Capsicum 346, 4297, 6999, 7045
cucumbers 7778
Cymbidium 8055
hops 1271
lettuces 8793
plums 9519
tomatoes 7045
Nacoleia octasema, bananas 3780
Nageliella angustifolia, characteristics 5473
Nageliella purpurea, characteristics 5473
Nandina domestica
cuttings, types, summer cuttings 5480
reports, Australia 6607
seeds, germination 3607
Narcissus
breeding, UK 4394
bulbs
production
cultural methods 2623, 4375, 5442-5443, 6246, 7993, 9843
harvesting 7146
storage, temperature 7146, 9844
treatment 441
cultural methods, pot plants 9833
cut flowers, senescence 7986
diseases, *Sclerotinia narcissicola* 3529
nutrition, rare earth elements 3528

Narcissus *cont.*
pests
Aphelenchoides subtenuis 2624
Ditylenchus dipsaci 441
planting, spacing 3527
planting stock, size 3527
reports, Netherlands 14
Narcissus pseudonarcissus, pollen, ultrastructure 8466
Narcissus tazetta
bulbs, composition 4395
flowers, development, histology 1813
reports, UK 4824
Nardostachys chinensis, plant, composition, essential oils 3628
Nardostachys jatamansi, plant, composition, essential oils 3628
Nasturtium (*see also* Watercress)
Natsudaidais
diseases, *Citrus* tristeza virus 9230
fruits, thinning, growth regulators 10089
nutrition 5688
storage, wraps 10089
Nectar
Mirabilis jalapa 6225
peaches 3157
Nectaries
Abutilon pictum 9038, 9094
Acacia 9095
Marantaceae 1192
peaches 3157
Plumeria rubra 4469
Rhododendron 2698
succulent plants 9038
Vincetoxicum hirundinaria 9207
Nectarines
buds, dormancy, physiology 5019
chilling requirement 5019
cultivars
assessment
Africa 840
Romania 9487
Yugoslavia 8578
characteristics 3148
Brazil 3142-3143, 7567
Italy 776, 4984
USA 4978
diseases 2244, 3148
disorders 845
flowering 6754
propagation 4987
temperature 1558, 6754
cuttings, types, summer cuttings 4987
diseases
Rosellinia necatrix 3925
Sphaerotheca pannosa 2244
Xanthomonas campestris pv. *pruni* 3148
disorders, woolliness 845
flowers, biology 6754
frost
injuries 1558
resistance, cultivars 6754
fruits
development
biochemistry 5024
temperature 9501
quality
consumer preferences 9502
harvesting date 9502
ripening, biochemistry 5024
grading, techniques 5026
high density planting
cultivars 4998
cultural methods 5878
meadow orchards 5001
economics 4998
irrigation, fertilizers, application 5014
mulching
materials 5882
responses 5882
nutrition 5014
planting, spacing 843, 3078, 4999
protected cultivation
cultural methods 8587
systems
plastic film 5001
plastic tunnels 6750
pruning
responses 5010
Nectarines *cont.*
pruning *cont.*
systems, growth regulators 5010
reports
Cyprus 9316
New Zealand 6617
storage, biochemistry 5024
training, systems 3078-3079
water relations
fruiting 7571
growth regulators 7571, 9425
weed control 5882
Nectria, apples 9379, 9437
Nectria galligena, apples 3088, 3106, 5833, 9392
Neisosperma oppositifolia, taxonomy, chemotaxonomy 5617
Nematicidal properties
Adhatoda vasica 9134
Anethum graveolens 7848
Argemone mexicana 8904
Artemisia 999
Azadirachta indica 547, 613, 9214
Butea monosperma 3652
Calendula officinalis 2298
Calotropis procera 8904, 9134
Catharanthus roseus 613
chicory 1276
cocoa 1279
Cordia dichotoma 9134
Cordia myxa 7848
Cosmos bipinnatus 9135
Croton bonplandianus 8904
Cymbopogon 4503
Cyperus rotundus 9134
Datura metel 8904
Eclipta alba 9135
Eucalyptus citriodora 9134
Gaillardia picta 9136
Iresine herbstii 7847
Lolium perenne 1276
Mentha viridis 7848
mulberries 9134
Parthenium hysterophorus 8887
Phleum pratense 1276
pineapples 9134
Piper betle 3655
Psoralea corylifolia 3655
Quassia undulata 6346
radishes 261
Solanum xanthocarpum 8904
Sonchus oleraceus 9135
Syzygium cumini 7847
Tagetes 999, 7953
Tagetes erecta 613, 2298, 9215
Tagetes patula 6347
Tagetes pumila 2298
Tithonia diversifolia 9136
Verbesina 999
Xanthium 999
Xanthium strumarium 8887
Zinnia elegans 9135
Nematicides
aldicarb, responses, peas 8876
carbofuran, responses, peas 8876
ethylene dibromide, injuries, sugarcane 7432
mephosfolan, responses, peas 8876
methyl bromide, responses, tomatoes 7049
oxamyl, residues, *Mentha piperita* 5546
Nematoda
aubergines 7847-7848
grapes 183, 4125
leeks 3277
medicinal plants 558
pineapples 4770
Rhododendron 2695
sugarcane 2984-2985, 6578
Neoaplectana bibionis
control
of *Agrotis segetum,* lettuces 4167
of *Zeuzera pyrina,* apples 8535
Neoaplectana carpocapsae
control
of *Oryctes rhinoceros,* coconuts 675
of *Synanthedon culiciformis, Alnus* 9097
of *Synanthedon resplendens, Platanus* 9097
of *Tirathaba rufivena,* coconuts 675
Neoaplectana feltiae, control, of *Zeuzera pyrina,* apples 8535
Neoaplectana glaseri, control, of *Otiorhynchus sulcatus,* strawberries 7649
Neodecadarchis flavistriata, reports, USA 3887
Neoleucinodes elegantalis, tomatoes 3409
Neolloydia, taxonomy, morphology 8044
Neoporteria napina, flowers, composition 9036
Neoraimondia, taxonomy, nomenclature 1197
Neoraimondia arequipensis, characteristics 1197
Neoregelia, growing media, composition 8971
Nepal
medicinal plants, surveys 8165
wild plants, surveys 7465
Nepeta, plant, composition, essential oils 1900
Nepeta cataria
mutants, induction, laser radiation 5548
seeds
germination 4511
treatment 5548
Nepeta clarkei, characteristics 9818
Nepeta hindostana, plant, composition, terpenoids 3697
Nephelium (*see also* Longans; Rambutans)
Nephrolepis auriculata, plant, composition, phenolic compounds 2657
Nephrolepis biserrata
plant
composition, phenolic compounds 2657
development, cytology 457
shoots, cytology 5470
Nephrolepis cordata, protected cultivation, shade 7966
Nephrolepis exaltata
cultural methods, pot plants 2644, 5462, 9866
cut foliage 8099
diseases, *Rhizoctonia solani* 458
plant, development, humidity 9790
pollution, nitrogen oxides 6263-6264
shade, responses 9040
tissue culture, propagation, techniques 1831
Nerine
bulbs
biochemistry, flowering 7987
production, cultural methods 9843
cut flowers, production, protected cultivation 7988
reports, New Zealand 6617
Nerine bowdenii
diseases, *Fusarium sacchari* 1160
nutrition, nitrogen 9845
tissue culture, propagation, techniques 9854
Nerine flexuosa, cut flowers, production, protected cultivation 7147-7148
Nerine sarniensis, bulbs, production, cultural methods 7993
Nerium, plant, composition 8148
Nerium oleander
cold, resistance, physiology 5529
frost, injuries 411
leaves, spectral data 7495
photosynthesis
biochemistry 42
temperature 1683
plant
composition 5570
essential oils 1244
planting stock, production, containers 9064
pollution, heavy metals 9927
Nervilia purpurea
plant
composition
sterols 1206
terpenoids 1207
Netherlands
apples
cultivars 787, 3086, 9394

Netherlands *cont.*
apples *cont.*
rootstocks 3093-3096
aubergines, cultivars 6097, 7001
beetroots, cultural methods 9622
Brussels sprouts, cultivars 9657
cabbages, cultivars 2392, 6908
Calceolaria, cultivars 1789
carnations
breeding 6187
cultivars 1765
chicory, cultivars 2378, 9639-9640
Chinese cabbages, cultivars 9656
chrysanthemums, cultivars 2583
Columnea, cultivars 9101
cucumbers, cultivars 1705, 9676
Freesia, cultivars 1805, 5434
Gerbera, cultivars 9803
horticultural crops, protected cultivation, systems, plastic film 5827
kohlrabi, cultivars 1694
lawns and turf, breeding 446
leeks
cultivars 9613-9615
cultural methods 9616
lettuces, cultivars 2380-2381, 3312, 5987, 7732, 9643, 9645-9646
Lilium, breeding 7142
melons, cultivars 2410, 6934
mushrooms, cultivars 7076
pears, cultural methods 114
Pelargonium, cultivars 8982
radishes, cultivars 6926, 7756
rhubarb, cultivars 7831
tomatoes, cultivars 356, 6112, 7853, 9736-9738
tulips, cultivars 9846-9847
New journals
essential oils 4793
horticultural crops 2104
Colombia 5789
South Africa 3861
New Zealand 1
Orchidaceae 8436
Palmae 2105
rubber, Malaysia 8435
New Zealand
Asparagus, cultivars 3386, 4281-4282
broccoli, cultivars 2391
cardoons, cultural methods 954
cherimoyas, cultural methods 5736
grapes, research 3213
new journals 1
Parthenium argentatum, cultivars 5649
Physalis peruviana, cultural methods 8688
Vaccinium, cultivars 3198, 4065
Vaccinium ashei, cultivars 4067
woody plants, wild plants, utilization 7180
Zingiber mioga, cultural methods 7232
Nickel
absorption
lettuces 3314
tomatoes 8930
composition
Lactarius 409
Pleurotus 409
vegetables 3266
nutrition
apples 6710
grapes 5121
toxicity, tomatoes 4313
Nicotiana, plant, composition 1928
Nicotiana alata
plant, composition, proteins 40
pollen
germination, biochemistry 7955
tubes, development 426
Nicotiana plumbaginifolia, as weeds, onions 2357
Nigella sativa, seeds, composition 4369
Nigeria
coffee, economics 4736
Corchorus olitorius, cultural methods 7072
oil palms, cultural methods 9276
Nisotra sjostedti, okras 6983
Nitraria schoberi, plant, composition, alkaloids 6413-6414

Nitrates
absorption
peas 3374
tomatoes 5336
composition
cabbages 3321
celeriac 4343
cucumbers 987
lettuces 6901
pineapples 10182
spinach 6901
determination, horticultural crops 3027
metabolism
biochemistry, spinach 4154
boron, tomatoes 7036
carbohydrates, aubergines 7007
cultivars
lettuces 5986
Phaseolus vulgaris 7809
cultural methods
carrots 7723
Phaseolus vulgaris 7809
spinach 3306, 7723
vegetables 2339
diurnal variation, spinach 5194, 8769
harvesting date, lettuces 5986
irrigation, carrots 5355
light
lettuces 3318
Sinapis alba 9124
spinach 5195
manganese, spinach 1669
molybdenum, spinach 1669
nutrition
Brussels sprouts 4172
cabbages 4172
cauliflowers 4172, 5216
celery 4172
Ipomoea aquatica 6165
lettuces 3318, 6888
spinach 6888
vegetables 6152
polyamines, radishes 1701
protected cultivation
lettuces 5986
vegetables 212
purines, radishes 1701
seasonal variation, grapes 2330
soil types, carrots 2548
soilless culture, lettuces 5223, 8790, 8794
temperature, grapes 922
Nitric oxide, toxicity, pot plants 2573
Nitrites
metabolism
soilless culture, lettuces 8790
water relations, spinach 949
Nitrogen
absorption
bananas 7394, 10122, 10124
black currants 9538
Capsicum 6092
carnations 9797
Citrus 8331
cucumbers 8829
Cucurbita moschata 3342, 6023
lawns and turf 454
mandarins 9237
melons 6944
onions 8755
peas 1039, 3380, 6973
Petunia 4360
Phaseolus vulgaris 5267, 6960
tea 5777-5778
tomatoes 5336-5337, 6128, 7023, 7029
composition
almonds 1564
apples 3098
cherries 9475
grapes 177, 3248
Grevillea 8106
horticultural crops 6655
Ligustrum sinense 7217
oranges 9229
pears 4030
peas 4254
Proteaceae 7089
radishes 9668
walnuts 1564

Nitrogen *cont.*
conservers
Brussels sprouts 4172
cabbages 4172
cauliflowers 4172
celery 4172
spinach 5977
sugarcane 10194
tea 5779
tomatoes 1735
vegetables 7693
deficiency
apples 80
Asparagus 6981
Basella alba 6164
Caladium 6272
chives 5975
Citrus 4643, 10063
cucumbers 2427
fruit crops 6675
Gerbera 1772
guavas 6539
onions 6872
Paullinia cupana 2028
poinsettias 1862
rubber 6559
vegetables 6675
determination, cucumbers 18
fertilizers
assessment
apples 2216, 6707, 7535
aubergines 7005
bananas 1455, 7394
black currants 7535
cabbages 3321, 6918
Capsicum 6992, 7005
cashews 3784
cauliflowers 5216
celery 9771
chrysanthemums 1118
coffee 2923
cucumbers 2428-2429, 6942
Ficus benjamina 1193
foliage plants 9866
Gloxinia sylvatica 1242
grapes 9579
hops 4521
lawns and turf 3551, 9859
lettuces 6888, 9650
melons 6992, 7005, 8833-8834
onions 6918
oranges 1409, 2871, 5690, 7334
peaches 5015
Pelargonium 1782
Piper betle 2817
poinsettias 4445
pot plants 5414
raspberries 9546
satsumas 1409
spinach 6888
strawberries 1631, 3206, 6812
sugarcane 8425, 10194
tea 2996-2998, 5777-5778
tomatoes 2527-2531, 3434, 4318, 7028-7029, 9751
vegetables 8731
Ziziphus mauritiana 3859
fixation
Leguminosae 2679
peas 316-318, 1039, 3378, 7815
Phaseolus vulgaris 288, 1019, 3356, 6042, 9700
sugarcane 3840
Vicia faba 2473
woody plants 2679
metabolism
anaerobiosis, plums 2263
biochemistry, tea 4790
calcium
cashews 3784
Petunia 1129
carbon dioxide, cucumbers 5256
chlorides
lettuces 3298
spinach 3298
chlorine, peas 5289
cultivars, *Phaseolus vulgaris* 7809
cultural methods, *Phaseolus vulgaris* 7809
defoliation, apples 9453
drought, *Phaseolus vulgaris* 6959

Nitrogen *cont.*
metabolism *cont.*
flowering
carnations 2581
Citrus 7356
fruiting
olives 8357
oranges 2052
growth regulators
Anemone coronaria 2612-2613
apples 5859
Cucurbita pepo 6032
okras 1052
Ranunculus asiaticus 2612-2613
satsumas 2851
harvesting, *Telfairia occidentalis* 1714
irrigation
apples 2174, 3102
grapes 910
pears 3170
light
Anemone coronaria 2611
grapes 7668
peas 5293
Ranunculus asiaticus 2611
tomatoes 1738
mulching, *Vaccinium vitis-idaea* 7617
nutrition
grapes 5730
peaches 5015, 5730
peas 6973
persimmons 5730
strawberries 3206
phosphorus, pecans 8610
potassium, hops 1270
pruning, apples 4916, 8521
respiration, peas 4259, 5293
ripening, grapes 6846
rootstock scion relationships
Citrus 6463
grapes 6822
lemons 620
salinity
grapes 919
Phaseolus vulgaris 2464
seasonal variation
almonds 5831
apples 4928, 7534
cherries 3998
Coriandrum sativum 499
Ginkgo biloba 9921
Jasminum grandiflorum 3637
olives 8357
oranges 10076
peaches 6753
persimmons 6510
strawberries 1631
soil management, grapes 910
sulphur, tomatoes 7030
temperature
Capsicum 6091
grapes 922
strawberries 1631
tissue culture, *Anthurium scherzerianum* 8993
nutrition
Acer palmatum 3594
Achillea millefolium 1292
Actinidia chinensis 133
Agrimonia procera 8174
almonds 4887
Aloe arborescens 9976
Alstroemeria 4401, 9024
Amaranthus hybridus 5363
apples 803, 805-806, 819, 1571, 1573, 2176, 2181, 4911, 4916, 5852, 6700, 6706, 6708, 6710, 7520, 7536, 8520, 8525, 8527-8528, 9411, 9430-9433
Asparagus 341
Aster tripolium 6906
Atropa belladonna 4547
aubergines 349, 351, 4289, 5312, 5318, 7004
bananas 658, 1455, 6522, 9258, 10126
Basella alba 6164
bedding plants 6172, 7095
beetroots 3275, 3295, 8730

Nitrogen *cont.*
nutrition *cont.*
Begonia 9009
black currants 2276
Boehmeria nivea 1920
broccoli 1697, 2396, 5215
cabbages 255, 2525, 3275, 8730
Capsicum 1707, 4294, 5312, 6222, 6993, 7124
carnations 8977
carrots 3454, 5356, 5360, 6152, 8952
cashews 3783, 4707
Catharanthus roseus 5592, 9161
cauliflowers 254, 5214
celery 406, 4342, 5361, 7070
cherries 4971
chicory 8779
Chinese cabbages 7745
chives 5975
chrysanthemums 1119, 6199, 7108
Citrullus vulgaris var. *fistulosus* 268
Citrus 623
reviews 7335
cocoa 9262
coconuts 1468, 2912, 6532
coffee 1474-1475, 3802, 4740, 8393, 10145
container grown plants 9092
Coriandrum sativum 2724, 8120
Cornus canadensis 1237
cucumbers 267, 1707, 6126, 6941, 8730, 8832
Cupressus macrocarpa 1855
Curcuma longa 3614, 4478
Cyclamen 1802-1803, 5430, 8985
Cymbopogon flexuosus 6334
Cymbopogon martinii 5541
Cymbopogon winterianus 512, 514-515, 3635
Cyperus esculentus 1099
Dioscorea floribunda 4561
Erica darleyensis 5490-5491
Festuca 1108
Ficus benjamina 8038
foliage plants 8025, 8043, 9033
fruit crops 6675
garlic 5172, 5174, 6858, 7696-7697, 8735
Gladiolus 2615, 3520
Gladiolus grandiflora 7978
Gloriosa rothschildiana 4404
grapefruits 4636
grapes 178, 2312, 2329-2330, 4117-4118, 6825, 6830-6832, 6849, 8699, 8701, 8708
guavas 2083, 3810
hops 535, 1271, 4522, 9956
horticultural crops 31
Hyoscyamus muticus 587
Ilex 6294
Impatiens walleriana 8984
Ipomoea aquatica 6165
Jasminum grandiflorum 6296
kohlrabi 931
Lantana camara 5524
lawns and turf 3550, 5460, 9857
leeks 931, 3275-3276, 6863
lemons 3748-3749
lettuces 968, 3315, 3318, 4163, 5361, 6901, 7739, 8786, 8794
Litchi 2063
Macadamia 7370
Magnolia grandiflora 3579
mandarins 2051, 5689
mangoes 692, 7407, 10166
melons 996, 5246-5247
Mentha 2740
Mentha arvensis 6336
Mentha piperita 1911
Mentha spicata 1913
natsudaidais 5688
nectarines 5014
Nerine bowdenii 9845
Ocimum sanctum 524
oil palms 1491, 2089, 4755, 6548, 9278
okras 4289-4290, 7004, 7829
onions 1665, 2363, 3290, 8759

Nitrogen *cont.*
nutrition *cont.*
oranges 1407-1408, 2047, 2052, 2856-2857, 4644, 7358, 10070
Origanum majorana 4513
Papaver somniferum 595
parsnips 7068-7069
passion fruits 7372
peaches 3155, 4020, 6749, 8593
pears 1614, 2252, 5040, 8525
peas 316, 3374, 4253-4254, 5289, 8455, 9720
pecans 5057, 5059
Pelargonium 8984-8985
Pelargonium graveolens 8143
Peperomia caperata 5406
Petunia 1129, 6215
Phaseolus vulgaris 2459, 3357, 4219, 6043, 6045
pineapples 6554
Pinellia ternata 597
Piper betle 2029, 2821
Platycodon grandiflorus 5423
plums 1620, 4044, 8617
poinsettias 6262
pot plants 1185, 2661, 6177, 9897
Psophocarpus tetragonolobus 4278
radishes 258, 3328, 8816
raspberries 2285, 8638
red currants 2275-2276
Rhododendron 7196
Rhododendron indicum 9901
roses 2701
rubber 2091, 4774, 6558-6559
Saintpaulia 5406, 8988
Salvia officinalis 9953
satsumas 2844-2845, 9225, 10075
Sedum 1108
Simmondsia chinensis 8312
Sinningia speciosa 9015
Solanum dulcamara 10033
Spathiphyllum 8035
spinach 3306, 6152, 6901
Stevia rebaudiana 2828, 3732, 9217
strawberries 2295-2296, 3206, 5098, 6810-6811, 6813, 8663
Streptocarpus holstii 5406
sugarcane 3838-3839, 6569, 6572-6575, 9293, 10195-10196
Tagetes erecta 3514
tea 2995, 2998, 10216
tomatoes 202, 361-362, 1070, 2525-2526, 3433, 3435, 3451, 5312, 5352, 6126-6127, 7018, 7026, 7030-7032, 8483, 8487, 8730, 8929, 9749
Trichosanthes cucumerina 6941
tulips 1162
tung 1442
Vaccinium 7615
Vaccinium corymbosum 6795, 7612, 7621
Vaccinium vitis-idaea 7617
vegetables 1658, 3262, 6675, 7095, 7691-7692, 8729, 8732
Vicia faba 2473
Viola tricolor 4374
Withania somnifera 4598
woody plants 8066, 9091-9092
Zingiber officinale 7233
requirements
analysis
almonds 4888
apples 804, 2220, 3948-3950
avocados 6456
bananas 4685, 8379
black currants 2276, 3192
cabbages 1700
cashews 4706
cherries 3997
Citrus 3746, 7332
Citrus latifolia 5686
coconuts 6532
Ficus benjamina 1193
Gerbera 4352
grapes 176, 1648, 2333, 3238, 5138, 6827-6828, 6836
guavas 6540
hops 4522
limes 5686
mandarins 3745, 5691

Nitrogen *cont.*
requirements *cont.*
analysis *cont.*
mangoes 3813
oil palms 4755
onions 6872
oranges 4642, 7331, 10074
peaches 6752
pecans 9516
pineapples 7415
plants 6628
red currants 2276
sugarcane 3837
tomatoes 7025, 7027
Vaccinium vitis-idaea 7622
vegetables 6917
walnuts 6770
assessment
oil palms 1490
sugarcane 6579
responses
Agave 1187
gooseberries 2278
radishes 4184
raspberries 2282-2283
toxicity
lawns and turf 1182
melons 269
translocation
apples 7534, 8526
Cucurbitaceae 6943
mandarins 8336
peas 3380
Phaseolus vulgaris 7804
sour oranges 10073
tea 4790
treatment, mushrooms 2565
Nitrogen dioxide
absorption
conifers 7475
foliage plants 9873
spinach 7475
toxicity
Cucurbita maxima 993
Phaseolus vulgaris 283, 7797
Nopalxochia, species, characteristics 6266
Norbornadiene, responses, ornamental plants 7898
Normanbokea, taxonomy, morphology 8044
Norway
apples, cultivars 8507
beetroots, cultivars 8768
black currants
cultivars 4056
cultural methods 7591
cauliflowers, cultivars 8798
cherries, cultivars 3990-3991, 8574
Cotoneaster praecox, cultivars 9103
leeks, cultivars 3273
onions, cultivars 8747
peas, cultivars 1035, 4249
swedes, cultivars 8797
Vicia faba, cultivars 4249
Nostoc, symbiosis, *Zamia skinneri* 1897
Nothocriconema alticola, grapes 5940
Nothofagus glauca, landscaping, urban sites 4432
Notocactus, taxonomy, morphology 8045
Notocactus apricus, flowers, composition 9036
Notocactus fuscus, seeds, morphology 459
Notocactus neobuenekeri, seeds, morphology 459
Notocactus rauschii, seeds, morphology 459
Notocactus scopa, seeds, morphology 459
Notocactus spinibarbus, seeds, morphology 459
Notocactus sucineus, seeds, morphology 459
Nucleic acids
biochemistry, *Lilium henryi* 3524
biosynthesis
grapes 4131
peas 5285
vegetables 3255
characterization
cucumbers 3914
Pinus 9072
Nucleic acids *cont.*
composition
Colysis hemionitidea 2655
Lilium 2620
Microsorium fortunei 2655
Nephrolepis biserrata 5470
Phaseolus vulgaris 3353
determination, spinach 7717
metabolism
biochemistry
cocoa 8383
spinach 4155
Vicia faba 4155
dark, *Phaseolus vulgaris* 1021
flowering
carnations 2581
Sinapis alba 1898
germination
Cyathea spinulosa 8037
peas 2481
Phacelia tanacetifolia 6227
Phaseolus vulgaris 7794
Ziziphus sativa 3858
growth, *Vicia faba* 4239
growth regulators
Anemone coronaria 2612
Cucurbita pepo 1004
Ranunculus asiaticus 2612
light
Anemone coronaria 2611
Kalanchoe blossfeldiana 4414
peas 4270
Ranunculus asiaticus 2611
magnesium, tomatoes 7040
salinity, tomatoes 7040
temperature, cucumbers 1712
tissue culture
carrots 6155
Datura fastuosa 1959, 2782
water relations
Phaseolus vulgaris 7794
sugarcane 10205
Nucleosides
composition, *Boerhavia diffusa* 564
metabolism, pollination, *Petunia* 1786
Nucleotides
biosynthesis, peas 6075
metabolism
mycorrhizas, onions 7707
respiration, vegetables 7715
tissue culture, *Datura fastuosa* 2781-2782
Nuphar lutea
flowers, biology 8017
plant, composition, alkaloids 9861
Nursery stock (*see* Planting stock)
Nut crops
cultivars, assessment, USSR 8467
cultural methods, books 3865
handling, techniques 1526
harvesting, techniques, mechanical harvesting 44
planting stock, production, techniques 5807
tissue culture, propagation, micropropagation, reviews 6680
Nutmegs (*see Myristica fragrans*)
Nutrients
absorption
analysis, temperate fruits 7502
assessment
Citrus 2039
plants 6629
diurnal variation, *Phaseolus vulgaris* 6045
fertilizers, cucumbers 6022
growth regulators
horticultural crops 9425
peas 3380
irrigation, apples 9382
light, tomatoes 6128
measurement
tea 5776
temperate fruits 6716
tomatoes 6716
physiology
Phaseolus vulgaris 3358
radishes 2407
pruning, sour oranges 10073
seasonal variation
Capsicum 6092
Nutrients *cont.*
absorption *cont.*
seasonal variation *cont.*
peaches 6753
Petunia 4360
soil management, temperate fruits 9382
soil pH
cabbages 6916
tomatoes 7023
temperature
bananas 1454, 10122-10124
poinsettias 1863
water relations, *Capsicum* 2506
requirements
analysis
Actinidia chinensis 9532
apples 80, 6700, 6723
bananas 4684, 6521
carrots 7065
cherries 3997-3998
Citrus 2853, 5687, 7332-7333, 7501
cucumbers 2427
grapes 177, 4116, 5137, 6828-6829, 6836
greenhouse crops 203
guavas 6539
horticultural crops 6654, 6778
Ilex 6294
oil palms 8405
pineapples 3823, 7415
plants 6628
strawberries 6723
sugarcane 5687
temperate fruits 7501
tomatoes 6723
vegetables 203, 8730, 9607
assessment
Citrus 4643
coconuts 1467
Cucurbita moschata 272
grapes 5138
guavas 6540
oil palms 2937
pineapples 7414
subtropical fruits 7310
tropical fruits 7310
translocation
Catharanthus roseus 1946
tomatoes 2540, 4327
Nutritional value
almonds 58, 2158
Amaranthus cruentus 2557
Balanites aegyptiaca 6588
bananas 7383, 9256
beetroots 947, 3275
Boletus edulis 2567
breadfruits 7383, 9256
cabbages 3275
Cantharellus cibarius 2567
carobs 10056
cashews 4717
celery 3317
Citrus 4668
coconuts 4734, 7383, 7402, 9256
Crotalaria brevidens 2557
Cucurbita 1010
Erucastrum arabicum 2557
fruit crops 5826
fungi 7083
Gynandropsis gynandra 2557
Ipomoea batatas 8956
Lactarius 409
leeks 3275
Lentinus edodes 1104
lettuces 3317
mangoes 5749, 7383, 9256
mushrooms 1104
olives 8359
pawpaws 7383, 9256
Petroselinum crispum 5826
Pleurotus 409
Pleurotus ostreatus 1104
Psophocarpus tetragonolobus 3385
rubber 10187
Solanum nigrum 2557
spinach 3306
Spondias 5918
sugarcane 2989
tamarinds 6590

Nutritional value *cont.*
Telfairia occidentalis 2448
vegetables 3266, 5826, 7694
Nuts
biochemistry, cultivars, almonds 5830
development
biochemistry, cashews 4716
mechanical properties, pecans 859
quality, cultural methods, pistachios 4039
Nyctanthes arbor-tristis
plant
composition 1344
essential oils 3624
Nyctocereus serpentinus, as rootstocks, *Echinopsis* 2658
Nymania capensis, plant, composition 1924
Nymphaea
flowers, biology 8017
leaves, development, photoperiodism 7166
Nymphaea lotus, seedlings, development, physiology 6260
Oberonia, chromosomes 1202
Obregonia denegrii, tissue culture, propagation, techniques 1830
Ochna artopurpurea, seeds, composition 9211
Ochrosia acuminata, plant, composition, alkaloids 3698
Ochrosia elliptica, plant, composition, alkaloids 5618, 7290
Ochrosia oppositifolia, taxonomy, chemotaxonomy 5617
Ocimum
cultivars, assessment, USSR 7685
cultural methods, India 3625
plant, composition, essential oils 1900, 3627
Ocimum americanum, plant, composition, essential oils 4512
Ocimum basilicum
plant, composition, essential oils 3624, 9944
tissue culture, biochemistry 4496
Ocimum gratissimum, plant, composition, essential oils 506, 2755
Ocimum kilimandscharicum, plant, composition, essential oils 3624
Ocimum sanctum
cultivars, taxonomy 3699
harvesting, harvesting date, assessment 524
leaves, composition 3629
plant
composition 7243, 8148
essential oils 524, 3626
Ocimum viride
plant, composition, essential oils 9950
taxonomy, chemotaxonomy 9950
Ocotea pretiosa, plant, composition, essential oils, reviews 505
Oecopetalum mexicanum, wild plants, utilization, Mexico 5917
Oenonogastra microphopalae, control, of *Liriomyza trifolii,* container grown plants 7897
Oenothera laciniata, as weeds, strawberries 146
Oenothera odorata
plant, composition, essential oils 1914
seeds, development, embryology 3073
Oenothera tetragona, cultivars, assessment, German Federal Republic 9787
Oidiodendron cerealis, mycorrhizas, *Vaccinium angustifolium* 8647
Oidiodendron griseum, mycorrhizas, *Vaccinium angustifolium* 8647
Oidiodendron rhodogenum, mycorrhizas, *Vaccinium angustifolium* 8647
Oidiodendron tenuissimum, mycorrhizas, *Vaccinium angustifolium* 8647
Oidium
melons 997
Ranunculus 5451
rubber 6555
Saintpaulia 2593
Oidium cyclaminis, *Cyclamen* 4379
Oidium mangiferae, mangoes 5750, 10162
Oidium tingitaninum, *Citrus* 7320
Oil palms
climate, requirements 8402
cover crops 2931
cultural methods 1485-1486, 2933
cultural methods
Gambia 6598
Nigeria 9276
fruits
anatomy 4757
composition 2944, 4761, 5755
development
biochemistry 4759
physiology 4758
pollination 4759, 9279
drop, growth regulators 8369
ripening, biochemistry 3819, 4760
growth regulators, auxins, responses 8369
harvesting, harvesting date, assessment 10178
herbicides
application 1488, 2897, 2936
injuries 2935
tolerances 2897
inflorescences, development, growth regulators 5753
insecticides, application 32
leaves, anatomy 1494, 6550
mulching
materials 2938
responses 2938
nurseries, cultural methods 3818
nutrients
requirements
analysis 8405
assessment 2937
nutrition 2939, 9277
boron 2940
chlorine 1492
magnesium 4755
nitrogen 1490-1491, 4755, 9278
phosphorus 734, 4755, 9278
potassium 1490-1491, 4755-4756, 9278
surveys, Indonesia 2937
pests
Arantia rectifolia 3818
Eulioptera reticulata 3818
Homeogryllus reticulatus 3818
Pseudococcus 3818
Pyrgomorpha 3818
rats 1493
rodents 8406
Temnoschoita quadripustulata 3818
plant
composition 6655, 9959, 9961
growth regulators 5753
photosynthates 2941
thinning, responses 2930
plant residues, utilization, mulches 2938, 6547
planting
site preparation 6549, 9275-9276
sites, selection 8402-8403
spacing 9277
systems 8404
planting stock, production, tissue culture 4753
pollination
pollinators
Elaeidobius kamerunicus 696, 2939, 2942-2943, 8407, 9279
Elaeidobius subvittatus 5754, 8407
Mystrops costaricensis 5754, 8407
processing, residues 6547
production, Mauritius 4831
products, oils 1496, 5558
reports
Colombia 3020
Malaysia 3884
Sarawak 6619
seedlings
production
containers 6547-6548
Oil palms *cont.*
seedlings *cont.*
production *cont.*
cultural methods 2089, 7412
seeds
composition 4761, 8149
storage, duration 5752
treatment 5752
soil types 1490
soil water, responses 2088
tissue culture
propagation
micropropagation 3817
techniques 4753
weed control 1487-1489, 2897, 2933-2936, 4754
weeds, identification 2932
yields, forecasting 1490, 1495
Oil plants
pests, surveys, India 762
wild plants, surveys, Nepal 7465
Oils
biochemistry
Acer negundo 8231
Albizia lebbek 9146
almonds 9389
Alstonia verticillosa 8231
Argyreia nervosa 4544
Azadirachta indica 547
Caloncoba echinata 1942
Chloris 9209
Conium maculatum 8210
Cordia myxa 9209
Cruciferae 8990
Echinochloa colonum 9209
Embelia ribes 8231
Hydnocarpus anthelmintica 1942
Ipomoea cardiophylla 9209
Koelreuteria apiculata 492
Lepidagathis trinervis 9209
Nigella sativa 4369
oil palms 2944
olives 2066, 6507, 8359
Xanthoceras sorbifolium 4599, 6449
biosynthesis, *Zanthoxylum piperitum* 7246
characterization
Ochna artopurpurea 9211
olives 4676
rubber 4780
Solanum surattense 4588
tea 3003
Zanthoxylum alatum 9211
composition
Abutilon indicum 1929
Acrocomia 2019
almonds 1564
Azadirachta indica 8149
Calophyllum inophyllum 4551
cashews 4721
Citrullus colocynthis 6035
coconuts 8149
Consolida regalis 6382
Coriandrum sativum 4472
Croton penduliflorus 6387, 8214-8215
Datura metel 4560
Delphinium staphisagria 8222
Duabanga sonneratioides 2447
grapes 9604
Hippophae 2304
Hippophae rhamnoides 9563
Khaya senegalensis 2447
mangoes 4749
Maximiliana maripa 5788
Melia umbraculiformis 2447
melons 2447
oil palms 8149
okras 8886
olives 2888, 4675
onions 218
Proteaceae 7089
tea 10224
walnuts 1564, 8627
determination, hops 4526
extraction
oil palms 2944
Roystonea regia 10039
metabolism
cultivars, avocados 2036

Oils *cont.*
metabolism *cont.*
ripening
oil palms 4760
Raphia hookeri 1388
seasonal variation, avocados 2036
production
cultural methods, *Jatropha* 7306
plant residues, tea 2100
tissue culture, *Simmondsia chinensis* 1381
quality, harvesting, oil palms 1496
sources, surveys, USA 4610
Oilseed cakes, utilization, fertilizers, tea 5777-5778
Oilseeds, reviews 2018
Okoubaka aubrevillei, plant, composition, catechins 1982
Okras
cultivars
assessment, Puerto Rico 8886
characteristics, USA 6084
diseases 5308
morphology 6083
ornamental value 6084
pests 4287, 7827
photoperiodism 6082
temperature 6082
cultural methods
Italy 1050
Tanzania 2336
disbudding, responses 7830
diseases
Alternaria alternata 7828
Aspergillus niger 7828
Choanephora cucurbitarum 5308
Fusarium 7828
Hibiscus esculentus yellow vein mosaic 2501
fruits
composition 8886
drop, diseases 5308
fungicides, responses 3394
growth regulators
chlormequat, responses 342, 1052
daminozide, responses 342
ethephon, responses 1052
GA, responses 342
mepiquat, responses 1052
harvesting, equipment 8734
insecticides
determination 2142
responses 3394
intercropping
Curcuma longa 4477
maize 1051
pineapples 10180
sugarcane 705, 6572
tomatoes 10179
mulching
materials 2501, 5959
responses 2501, 8726
nutrition
nitrogen 4289-4290, 7004, 7829
phosphorus 4289-4290, 7004, 7829
potassium 4289, 7004, 7829
zinc 1034
pests
Amrasca biguttula 6984
Amrasca devastans 7827
Earias vittella 1054, 4287, 6985
Melanagromyza hibisci 343
Meloidogyne incognita 1053, 4291, 8887
Nematoda 7004
Nisotra sjostedti 6983
Paratrichodorus christiei 1053
Podagrica uniformis 6983
plant
composition, polysaccharides 8154
development, apical dominance 7830
planting, spacing 7829
pods
development
growth regulators 1052
physiology 6982
pollen
germination
fungicides 3394
insecticides 3394

Okras *cont.*
reports, India 3022, 6614
roots, composition 2502
seeds
production, cultural methods 6982
sowing, sowing date 3393
treatment 925, 7828, 9727
soilless culture, systems, hydroponics 5960
weed control 4288
yields, pests 7830
Olea *(see also* Olives)
Olearia
landscaping, New Zealand 7180
utilization, erosion control 7185
Olearia rotundifolia, trichomes 6181
Olives
climate, requirements 1435
cultivars
assessment, USSR 8353, 8467, 9247
biochemistry 2888, 4676, 6507, 8358
characteristics, France 2887
dessert cultivars 2887
pollination 8355
temperature 4674
water relations 2893
yields 4674, 8353
cultural methods
France 2887
Morocco 6505
cuttings 1436, 1848
rooting
cultivars 2889
temperature 2889
drought, responses 2893
economics, Cyprus 8352
flowers
development, physiology 10085
initiation, precocity 1436
frost
injuries 10101
surveys 5808
resistance
cultivars 4674
physiology 1557
fruits
abscission, growth regulators 9249
browning
biochemistry 8358
cultivars 8358
composition 2066
drop, growth regulators 8354
loosening, growth regulators 1438
set, growth regulators 8354
size, growth regulators 8354
grading, techniques 2352
growth regulators
ABA, physiology 10103
BA, responses 8354
ethephon
determination 9249
metabolism 9249
responses 8354
GA
physiology 10103
responses 8354
IAA, physiology 10103
NAA, responses 8354
polyamines, responses 10104
TIBA, responses 8354
harvesting, techniques, mechanical harvesting 5726
insecticides, application 2890
irregular bearing
biochemistry 2065
physiology 8356-8357
irrigation, fertilizers, application 7464
leaves, composition 5725
pests
Dacus oleae 2890-2891, 3773, 10102
integrated control
conferences 4806
reviews 6476
Saissetia oleae 6506
photosynthesis, physiology 2892
plant
composition 6655
copper 6626

Olives *cont.*
plant *cont.*
composition *cont.*
glycosides 5727
lipids 5822
oils 4675, 8359
phenolic compounds 10106
terpenoids 10107
development, phenology 10105
plant residues, composition 5727
planting, spacing 1437
planting stock
production
techniques 1436
tissue culture 908
pollination, compatibility 8355
pruning, systems, mechanical methods 651
regeneration
pruning 10101
replanting 10101
reports
Brazil 6610
Cyprus 9316
Israel 7459
Italy 1532
Portugal 7460
Spain 4823
Syria 16
seeds, dormancy, biochemistry 10103
shoots, development, growth regulators 8354
tissue culture, propagation, embryos 908
trichomes 6181
water relations
measurement 188, 2893
physiology 2892
seasonal variation 2893, 5724
winter hardiness 9248
yields, forecasting 9457
Oncidium, flowers, initiation, phenology 6282
Oncidium sphacelatum, leaves, composition 3913
Onion yellow dwarf virus, onions 7709
Onions
bolting, spacing 6868
bulbs
development
irrigation 8759
light 7713-7714, 8758-8760
sowing date 8757
spacing 8757
temperature 8760
flavours, biochemistry 3293
size, irrigation 6871
cultivars
assessment 3286-3287
Australia 4146
Denmark 7705
USSR 5966, 6866, 7704
bolting 6868
characteristics
Norway 8747
USA 8721
conservation 3279
growth 2367
irrigation 939
nutrition 1665
photoperiodism 8749
protected cultivation 938
selection 3280
sowing date 3285, 8757
spacing 6868, 8757
storage 939, 3254, 3281-3283, 6865, 8746, 8766
tropics 3279-3280
water relations 1665
cultural methods, Czechoslovakia 5965
defoliation, growth regulators 2365
diseases
Alternaria porri 5180, 6873
Aspergillus flavus 4148
Aspergillus niger 4148
Botrytis allii 5970
control 7709
Peronospora destructor 2364, 7704
Pseudocochliobolus australiensis 4148
Sclerotium cepivorum 5971

Onions *cont.*
frost
injuries, surveys 5808
resistance, surveys 5957
fungicides
injuries 222
responses 2361
geotropism 9618
growth regulators
ethephon
determination 4871, 9620
responses 9620
MH, responses 2365
handling, techniques 5973
harvesting
harvesting date, assessment 3291-3292
techniques
assessment 5970
mechanical harvesting 7704, 8765
herbicides, injuries 2360, 4139, 8750
insecticides, residues 3263
intercropping
Curcuma longa 4477
leeks 3257
irrigation
responses 939-940, 6871, 8754
systems 940
water, sources 5179
mulching
materials 5971
responses 5971
mycorrhizas 941, 2361, 7707-7708, 8755
nutrients, requirements, analysis 6872
nutrition 6872
manures 2362
nitrogen 1665, 2363, 6918, 8755
phosphorus 942, 1665-1666, 4147, 8755-8756
potassium 1665, 2363, 5969
packing, techniques 944
parasitic plants, *Cuscuta* 5178
pests
Delia antiqua 7710
Meloidogyne incognita 220
Thrips tabaci 221, 943
photoperiodism 8749
plant
composition 1146, 8148, 8164
enzymes 1659
heavy metals 3266
proteins 8761-8762
volatile compounds 215
planting
seasons 4149
spacing 6871, 7706, 8754
planting stock, production, techniques 8749
production
Czechoslovakia 5965
energy requirements 5955
protected cultivation
cultural methods 7706
systems
greenhouses 4851
plastic film 8722
reports
Brazil 2121
German Federal Republic 8456
India 3022, 6613-6615
Irish Republic 9317
Israel 744
USA 6623, 9321
roots
anatomy 5181
biochemistry 8763
cytology 3725, 5646, 5972
development
cytology 6874-6875, 7712
histology 7711
salinity, responses 5173
seedlings
development
soil water 9617
temperature 9617
planting, seasons 3288
production, cultural methods 6869
seeds
composition 218

Onions *cont.*
seeds *cont.*
dormancy, temperature 8748
production
cultivars 2367
cultural methods 3290, 4149, 6876
growth 9619
harvesting 8764
tropics 4150
quality, assessment 4138
sowing
sowing date 3285, 8760
spacing 3286, 6868
storage, duration 6867
treatment 219, 3284, 4148, 5163, 6867, 9617
sets
planting
seasons 3287
spacing 5177
production, cultural methods 3286
soil water, responses 1665
storage
biochemistry 3292
cultivars 939, 3254, 3281-3283, 6865, 8746
diseases 5970
packing 944
quality
growth regulators 2365, 9620
harvesting date 3291
storage dips, growth regulators 5182
systems
assessment 2366
cold storage 5973
temperature 8766, 9621
water relations, cytology 1548, 4834
weed control 930, 2357-2360, 3289, 5178, 5967-5968, 6870, 8750-8753
Onobrychis tanaitica, plant, composition, phenolic compounds 6415
Ononis natrix
plant
composition 4576
phenolic compounds 4575
Onosma hispidum, plant, composition, ketones 1345
Onychium siliculosum, plant, composition 8263
Ootheca bennigseni, Phaseolus vulgaris 3360
Operophtera bruceata
apples 3957
Vaccinium 140
Ophiomyia phaseoli
peas 4257
Phaseolus vulgaris 6963
Ophiopogon jaburan, plant, composition, flavonoids 8264
Ophiopogon ohwii, plant, composition, flavonoids 8264
Ophiorrhiza japonica, plant, composition, alkaloids 1983
Ophiorrhiza kuroiwai, plant, composition, alkaloids 1983
Ophrys sphegodes, flowers, composition 7179
Ophrys splendida, flowers, composition 7179
Opilia celtidifolia, plant, composition, terpenoids 5619
Opisina arenosella
bananas 673
coconuts 673, 1468
Opius pallipes, control, of *Liriomyza,* tomatoes 2537
Opophytum aquosum, tissue culture, responses, salinity 8024
Opuntia
edible species, Mexico 7073-7074
protected cultivation, temperature 2647
Opuntia amyclaea
cultural methods, Mexico 7073
fruits, ripening, growth regulators 5733
Opuntia bigelowii
cuttings, physiology 460
heat, resistance, physiology 7167
photosynthesis, CAM pathway 460

Opuntia chaffeyi, characteristics 1198
Opuntia dejecta, respiration, biochemistry 3562
Opuntia echios, plant, development, environment 1832
Opuntia ficus-indica
cultural methods, Mexico 7073-7074
heat, resistance, physiology 7167
photosynthesis
CAM pathway 6265
physiology 6265
plant, composition, pigments 223
shoots, development, physiology 7074
Opuntia fulgida
cuttings, physiology 460
photosynthesis, CAM pathway 460
Opuntia leucotricha, cuttings, treatment, growth regulators 2662
Opuntia pallida, cuttings, treatment, growth regulators 2662
Opuntia rufida, cuttings, treatment, growth regulators 2662
Opuntia streptacantha, cultural methods, Mexico 7073
Opuntia stricta
cultural methods, Mexico 7073
cuttings, treatment, growth regulators 2662
Opuntia subulata
photosynthesis
CAM pathway 6265
physiology 6265
Opuntia vulgaris
cuttings, treatment, growth regulators 2662
photosynthesis, CAM pathway 8027
Oranges
as interstocks, lemons 7323
buds, development, tissue culture 5700
climate, microclimate 10093
cultivars
assessment
India 5661
Italy 5665, 10059
Pakistan 1395
South Africa 8321
USA 3735
biochemistry 2838
characteristics
Italy 1396
Spain 618
USA 7321
disorders 7343
harvesting date 2877
history, USA 10057
irrigation 7327
nutrition 3746
pests 8320
pruning 1405
temperature 3741
diseases
Citrus exocortis viroid 9230
Citrus tristeza virus 8327, 9230
Elsinoe fawcettii 3752
Guignardia citricarpa 2865
Mycosphaerella citri 6473-6474, 9235
Penicillium digitatum 7359
Phomopsis citri 3752
Phytophthora 1394
Phytophthora nicotianae var. *parasitica* 2860
Sphaeropsis tumefaciens 9236
viruses 1411
disorders
blight 9229
chlorosis 5693
creasing 2852, 10078
decline 7343
granulation 629
dwarfing, inoculation, viruses 7325
flowers
composition 7356-7357
development, physiology 2873
drop, physiology 636
frost
injuries 1427
protection
irrigation 2044, 4638
wraps 2044

Oranges *cont.*
frost *cont.*
resistance
cultivars 3741
physiology 2042
fruits
abnormalities 2874
abscission, physiology 4659
biochemistry, seasonal variation 5713
colour, biochemistry 7352
composition 4668, 9242, 10093
cracking 2057
development
growth regulators 1421
nutrition 10070
spacing 2040
sugars 1421
drop
growth regulators 639
physiology 636
histology 4659
loosening, growth regulators 2059
mechanical properties, assessment 8946
morphology 9241
quality
environment 3752
gamma radiation 7360
growth regulators 2852
microorganisms 4669
nutrition 1409
rootstock scion relationships 2842
ripening
growth regulators 6488
physiology 4662
size, storage 6487
fungicides, responses 6474
grading, techniques 8946, 9241
grafting 1397
growth regulators
chlormequat, application 10087
chloromethylnitropyrazole, responses 2059
ethylene, metabolism 4223
GA
absorption 1416
application 10087
responses 2852, 6488
kinetin, responses 1421
harvesting
harvesting date, assessment 2877, 4663
techniques, mechanical harvesting 1422
high density planting, planting, planting stock 7325
hybrids, characteristics, USSR 8322, 8324
insecticides
determination 2142
injuries 644
intercropping, coffee 3800
irregular bearing, nutrition 7358
irrigation
fertilizers, application 2047, 10070
requirements, determination 2848, 5681
responses 1402, 2044, 2046-2047, 2846, 2849, 4641, 5677, 5680, 7327, 10071
systems 1402, 2044, 2046-2047, 5677, 5680, 10070
water, salinity 2049, 8329
leaves
biochemistry, seasonal variation 10076
composition 6497
physiology 8329
senescence 4866
spectral data 2126
nutrition
calcium 3744, 7337, 10074
magnesium 2857, 3744, 10074
manures 4644
nitrogen 1407-1409, 2047, 2052, 2856-2857, 2871, 4642, 4644, 5690, 7331, 7334, 7358, 10063, 10070, 10074

Oranges *cont.*
nutrition *cont.*
phosphorus 1407-1409, 2856-2857, 3744, 4642, 7331, 7358
potassium 1407-1409, 2047, 2856-2857, 3744, 4642, 7331, 7358, 10074
sulphur 2856
surveys, Egypt 1406
trace elements 7331, 7358
zinc 5693, 6470
packing, materials 1429
pesticides, residues 1415, 3908
pests
Aceria sheldoni 2865
Aleurothrixus floccosus 10080
Ceratitis capitata 8320
Coccus viridis 1415, 4669
Cryptophlebia leucotreta 8320
Diaphorina citri 6484
Eutetranychus orientalis 1415
Lachnopus 3752
Pachnaeus 3752
Panonychus citri 1415
Phyllocnistis citrella 1415
Phyllocoptruta 3752
Phyllocoptruta oleivora 642, 2865, 7347-7348
Polyphagotarsonemus latus 5695
Scirtothrips 3752
Scirtothrips aurantii 2865
Scirtothrips citri 4652
Tetranychus 3752
Trioza erytreae 2865
Tylenchulus semipenetrans 1415, 2862
photosynthesis
environment 5703
microorganisms 4669
plant
composition 6655
ascorbic acid 5826
carbohydrates 2862
copper 7357
enzymes 5704, 5707
iron 7357
lipids 8493
manganese 7357
nitrogen 7356
phosphorus 7356
pigments 7352
potassium 7356
zinc 7357
plant residues, composition 5716
planting, spacing 2040
planting stock
production
containers 4634
techniques 1397
tissue culture 6466
pollination, compatibility 10086
production, Brazil 6624
products, essential oils 4670, 5716
pruning, responses 1405
reports
Australia 4817
India 3022, 6614
roots
development 3754
irrigation 5680
soil water 10071
rootstock scion relationships
diseases 1394, 8327
growth 2842, 7351
physiology 6471
yields 1394, 2842, 5671
rootstocks, assessment 9222
salinity
responses 4641, 8329
tolerances 5664
seedlings, treatment, bacteria 619
seeds, storage, systems 3736
shelterbelts 6469
soil temperature, responses 3754
soil water
measurement 2847
responses 2846, 3754
storage
biochemistry 1426
diseases 6490, 7359
pests 8451

Oranges *cont.*
storage *cont.*
physiology 3758, 6488
precooling 8342
quality
gamma radiation 7360-7361
growth regulators 3759, 6488
injuries 1427
irrigation 3759
storage dips
fungicides 6490, 7359
insecticides 644
waxes 7359
systems
assessment 3759
cold storage 6487
tissue culture
organogenesis 5700
propagation
embryos 9223
ovules 6466, 9223
techniques 624, 3739-3740
transpiration
environment 5703
measurement 4870
soil water 2846
water relations, measurement 5681
weed control 5675-5676
wind, injuries 3752
yields
correlation 4641
diseases 6474
pests 642, 7348, 8320
Orbignya, products, reviews 9213
Orbignya speciosa, seeds, composition 2018
Orchidaceae
breeding, gene banks 5472
chromosomes 3565
conferences 8436
conservation 5472
cultural methods, USSR 8051
cut flowers
handling 6184
harvesting 6184
diseases
Pseudomonas 9057
Rhizoctonia solani 2574
Sclerotinia sclerotiorum 2574
Sclerotium rolfsii 2574
flowers
development, histology 9061
movements, physiology 4430
growing media, composition 6280
new journals 8436
plant, morphology, reviews 9058
propagation, techniques 3566
protected cultivation, systems, greenhouses 1843
reports
India 3022
New Zealand 6617
seeds, treatment 8052
shoots
anatomy 5476
morphology 9888
soilless culture, systems, assessment 3566
surveys, China 7175
taxonomy 9052
keys 9888
morphology 9888
nomenclature, books 3009
tissue culture, propagation, techniques 5475
wild plants, surveys, USSR 8051
Organic acids
characterization
Cleome viscosa 2777
Psilotum nudum 1356
composition
black currants 136
Citrus 4668
coffee 7405
figs 9485
grapes 9566
reviews 9603
Hippophae rhamnoides 7656
oranges 9229, 10093
Oyedaea buphthalmoides 2796
Phaseolus vulgaris 3363

Organic acids *cont.*
composition *cont.*
Physalis alkekengi 7294
Piper 7295
rhubarb 344
Rosmarinus officinalis 527
Sorbus aucuparia 4051
Vaccinium macrocarpon 5083
watermelons 9694
determination, cherries 1607
metabolism
fungicides, apples 9474
growth regulators
satsumas 9239
Ziziphus mauritiana 728
irrigation, tomatoes 7020
light, grapes 7668
nutrition
Agave 1187
grapes 6825
sugarcane 10197
tomatoes 4318
potassium
grapes 6835
sugarcane 10199
pruning, grapes 916, 3237, 6825
ripening
bananas 1463
grapes 5160
Litchi 9246
mangoes 693
melons 6950
salinity, tomatoes 7020, 8934
seasonal variation, oranges 5713
storage
pears 8607
watermelons 9695
temperature, watermelons 9695
thinning, grapes 8714
tissue culture
Perilla 3639
Ruta graveolens 1360
production
tissue culture
Ramalina yasudae 4596
Usnea rubescens 4596
taxonomy, grapes 9566
Organic culture
apples 9415
carrots 3453
tomatoes 9751
vegetables 2339
Origanum, weed control 9937
Origanum majorana
cultural methods, Egypt 4513
plant, composition, essential oils 508, 8140
salinity, responses 8140
Ornamental bulbs
books 7448
bulbs
production
cultural methods 4375
harvesting 2609
frost, injuries 412
reports, UK 3885, 4824
Ornamental plants
books 2107
conservation, books 8437
cultivars
characteristics, Hungary 20
mutants 1762
cultural methods
roofs 9784
Spain, conferences 7456
cut flowers, storage 7911
cuttings, storage 7893
diseases
biological control 5820, 6180
control, reviews 7895
fungi 6179
Rhizoctonia solani 2574
Sclerotinia sclerotiorum 2574
Sclerotium rolfsii 2574
USSR, books 4
dwarfing 6051
flowers
abscission
growth regulators 3475
physiology 3475

Ornamental plants *cont.*
flowers *cont.*
development, growth regulators 3501
frost
injuries, surveys 5808
tolerances 1111
growing media
characteristics 5370
composition 6653
growth regulators
aminocyclopropane carboxylic acid, physiology 7898
ethylene, physiology 7898
paclobutrazol, responses 7894
reviews, China 3465
landscaping 7087
arid regions 9786
Czechoslovakia 9783
industrial sites 9784
parks, conferences 4805
leaves
abscission
growth regulators 3475
physiology 3475
mulching
materials 6179
responses 6179
nurseries
cultural methods 3467-3468
mechanization 1110
nutrition
boron 5818
iron 9789
pests
biological control, Caribbean 2
Ceroplastes destructor 7349
control
Canada 4348
conferences 8445
Liriomyza trifolii 7897
Trialeurodes vaporariorum 2347
USSR, books 4
physiology, conferences 7453
plant
composition, saponins 2757
development, growth regulators 3501
habit, climbers 9889
planting stock
production
containers 7094
equipment 9788
protected cultivation 35, 5372
techniques 9782
tissue culture 5372
reviews 3466
propagation
information services 2571
techniques, conferences 4808
protected cultivation
economics 35
growing media 5371
light 7899
soilless culture 1077
systems 5794
reports
Canada 3881, 4818, 6611, 9313
German Federal Republic 8456
Irish Republic 3883, 9317
Israel 744
Italy 1532
Switzerland 15
UK 3885, 4829, 9320
USA 6623, 9321
research, USA 9782
salinity, responses 5818
seeds, treatment 2572, 7474
selection, rock gardens 1109, 7085
soilless culture
systems
hydroponics 1077
nutrient film techniques, tropics 21
species, identification, Europe, books 4802, 5796
taxonomy, nomenclature, books, Europe 4802, 5796
tissue culture
propagation
micropropagation 3466

Ornamental plants *cont.*
tissue culture *cont.*
propagation *cont.*
techniques 5372
wild plants, surveys, roofs 7084
Ornithogalum, bulbs, production, cultural methods 9843
Ornithogalum thyrsoides, reports, UK 4824
Orobanche crenata
as weeds
tropical crops 2897
Vicia faba 302-303, 1030, 4237
Orobanche ramosa
as weeds
aubergines 1062
tomatoes 7018
Orophea enterocarpa, plant, composition, alkaloids 5620
Ortaniques
pests, *Pachnaeus litus* 633
seedlings, production, pests 633
Orthosiphon aristatus
cuttings, cultural methods 2795
plant, composition, flavonoids 1984
Orthotydeus californicus, Vaccinium corymbosum 7625
Oryctanthus, hosts, Orchidaceae 1836
Oryctes monoceros, Palmae 6597
Oryctes rhinoceros, coconuts 674-675, 8388-8389
Oryza longistaminata, as weeds, tropical crops 2897
Osmanthus fragrans
flowers, fragrance, biochemistry 9108
plant, composition, essential oils 8141
Ostrya
leaves, anatomy 9093
species, characteristics 6307
Otiorhynchus rugifrons, ornamental plants 5376
Otiorhynchus sulcatus
Cyclamen 4379
ornamental plants 5376
strawberries 4079, 6291, 7649
woody plants 6291
Ovulinia azaleae, Rhododendron 2695
Oxalates
composition
Calophyllum inophyllum 9155
Telfairia occidentalis 2448
Torreya grandis 3575
ultrastructure, horticultural crops 45
Oxalis bowiei, tubers, development, physiology 9829
Oxalis corniculata
as weeds
carrots 5353
lawns and turf 3547
Oxalis pes-caprae, as weeds, globe artichokes 7727
Oxalis regnellii, leaves, movements, physiology 3511
Oxalis rosea, flowers, development, genetics 6226
Oxalis stricta, as weeds, lawns and turf 7163
Oxygen
determination, cucumbers 18
responses
peas 2488
spinach 9633
tomatoes 8924
Oyedaea buphthalmoides, plant, composition 2796
Ozone
absorption, chrysanthemums 7927
responses
Cucurbita moschata 9686
Eucalyptus globulus 5823
Hedera helix 5823
tomatoes 5823
toxicity
grapes 166, 3232
lettuces 5989
Phaseolus vulgaris 283, 7797
radishes 8812
tomatoes 4313, 9744
Vicia faba 6968
watermelons 3334

Pachira insignis, respiration, temperature 9372
Pachnaeus, oranges 3752
Pachnaeus litus, *Citrus* 633
Pachycereus pringlei, photosynthesis, light 9868
Pachycymbium lancasteri, characteristics 1833
Pachyphytum coeruleum, chromosomes 5463
Pachyphytum glutinicaule, chromosomes 5463
Pachyphytum oviferum, chromosomes 5463
Pachysandra terminalis
plant
composition
alkaloids 8265
terpenoids 2717
Pachystegia insignis, landscaping, New Zealand 7180
Packing
containers
apples 2219, 3128
pears 2219
strawberries 4082
equipment, hops 537
injuries, grapefruits 2881
materials
bananas 2902
Brassica 2398
Citrus 4665
cucumbers 2409, 2445
cut flowers 6184
grapefruits 4666
lettuces 2387
oranges 1429
tomatoes 1744
precooling, strawberries 4082
techniques
cut flowers 6184, 7902
grapefruits 2881
horticultural crops, books 2110
mangoes 10175
onions 944
strawberries 7652
Padus *(see Prunus)*
Paecilomyces fumosoroseus, control, of *Thrips tabaci,* cucumbers 7782
Paeonia, forcing 8999
Paeonia lactiflora
cuttings, types, leaf bud cuttings 1141
flowers
composition 2601
morphology 8110
plant, composition 1290
Paeonia suffruticosa
dormancy, sulphur compounds 5437
flowers, morphology 8110
plant, composition 1290
taxonomy, nomenclature 8111
Pakistan, *Citrus,* cultivars 1395
Palafoxia texana, plant, composition, terpenoids 1985
Paleacrita vernata, *Ulmus parvifolia* 7225
Palicourea brachyloba, plant, composition 2797
Palisota barteri, fruits, composition 7956
Palmae
books 3869
conferences 4804
new journals 2105
pests, *Oryctes monoceros* 6597
production, Mauritius 4831
products, reviews 9213
tissue culture, propagation, techniques 5785
Panaeolus papilionaceus, composition, enzymes 1759
Panama, medicinal plants, surveys 8159
Panax ginseng *(see Panax pseudoginseng)*
Panax japonicus, plant, composition, saponins 1986, 3700
Panax pseudoginseng
pesticides, residues 8168
plant
composition
glycosides 6416
saponins 1346, 7291, 9188
rhizomes, composition 10017
roots, composition 593
tissue culture 5621
Panax quinquefolius
protected cultivation, temperature 3701
shade, responses 6417
wild plants, surveys, USA 3702
Pancratium, bulbs, production, cultural methods 9843
Pandanus, cultural methods, Tuvalu 3888
Pandanus tectorius, plant, composition, essential oils 3624
Pandemis, apples 4932
Pandemis heparana
apples 3956, 5856
pears 853
Panicum adspersum, as weeds, carrots 5222
Panicum capillare, as weeds, woody plants 6286
Panicum maximum
as weeds
cocoa 2904
oil palms 2936
sugarcane 3835
Panicum repens, as weeds, oil palms 1489
Panonychus, Physalis peruviana 8688
Panonychus citri
Citrus 7346
mandarins 5696
oranges 1415
Panonychus ulmi
apples 784, 806, 3107-3108, 3955, 5829, 5855, 9443-9444
grapes 2318, 5941, 6838
pears 853
temperate fruits 2155, 3954
Pantilius tunicatus, hazelnuts 2241
Pantomorus cervinus, lemons 10079
Papaver
flowers, development, growth regulators 6669
plant, composition, alkaloids 9145
plant residues, utilization, growing media 6653
processing, residues 6653
taxonomy, chemotaxonomy 2798
Papaver bracteatum
flowers
development
growth regulators 6418
temperature 4577
fruits, development, growth regulators 6418
plant, composition, alkaloids 7292
seedlings, development 594
Papaver orientale
cultivars, assessment, German Federal Republic 9787
pests
Aphis solanella 1142
Chromatomyia horticola 1142
Papaver pavoninum, plant, composition, alkaloids 10018
Papaver rhoeas, seeds, germination, water relations 4364
Papaver somniferum
cultivars, assessment, Romania 1259
drought, responses 5534
fruits, development, growth regulators 1348
harvesting, techniques, mechanical harvesting 1349
nutrition, nitrogen 595
pests
Aphis solanella 1142
Chromatomyia horticola 1142
plant
composition
alkaloids 8266
latex 1347, 2799
seeds, germination, inhibitors 8267
shoots, development 7293
taxonomy, cytotaxonomy 5622
tissue culture, metabolites, production 9969-9970, 10019
Paper
utilization
growing media, *Lentinus edodes* 1757
mulches
satsumas 5682
woody plants 8066
Paper *cont.*
utilization *cont.*
storage
Asparagus 1049
lemons 1423-1424
Paphiopedilum, hybrids, characteristics 4427
Paphiopedilum armeniacum, characteristics 9053
Paphiopedilum delenatii, characteristics 9053
Paphiopedilum insigne, growing media, composition 6279
Paphiopedilum micranthum, characteristics 9053
Paphiopedilum rothschildianum
characteristics 8049
cultural methods 8049
Papilionaceae, grafting, techniques, assessment 6285
Papua New Guinea
cocoa
diseases, control 3790
pests, control 3790
medicinal plants, surveys 6349, 9963
Solanaceae 3396
Papulospora byssina, mushrooms 8960
Parabaena sagittata, plant, composition, alkaloids 10020
Paraceraptrocerus nyasicus
control
of *Ceroplastes destructor*
Citrus 7349
ornamental plants 7349
Paraphylax fasciatipennis, control, of *Conopomorpha cramerella,* cocoa 7401
Paratheresia claripalpis, control, of *Diatraea saccharalis,* sugarcane 2986
Paratrichodorus, sugarcane 7427
Paratrichodorus christiei
lawns and turf 3552
okras 1053
Paratylenchus, currants 875
Paratylenchus hamatus, Mentha piperita 8139
Parinari campestris, taxonomy, chemotaxonomy 2103
Parinari capensis, taxonomy, chemotaxonomy 2103
Parinari curatellifolia, taxonomy, chemotaxonomy 2103
Parinari excelsa, taxonomy, chemotaxonomy 2103
Parinari nonda, taxonomy, chemotaxonomy 2103
Paris polyphylla, plant, composition 1290
Parkia biglobosa, cultural methods, Gambia 6598
Parochetus communis, flowers, colour, spectral data 5378
Parodia, protected cultivation, temperature 2647
Parsley *(see Petroselinum crispum)*
Parsnips
cultivars, assessment, German Federal Republic 7068
cultural methods, German Federal Republic 7068
herbicides, tolerances 4139
intercropping, carrots 3257
nutrition
nitrogen 7069
potassium 7069
protected cultivation, nutrition 7069
reports, UK 9320
seeds, treatment 5163
Parthenium argentatum
cultivars, assessment, New Zealand 5649
cultural methods, South Africa 4615
economics, USA 8315
harvesting, techniques, assessment 5651
irrigation
requirements, determination 8315
responses 610, 1387, 5650-5652, 8314
reviews 3728
water, salinity 9605
plant, composition, latex 610-611, 1387, 2027, 8314, 10048, 10183

Parthenium argentatum *cont.*
products, latex 4611
reports, France 3882
salinity, responses 9212
seedlings
development, salinity 926
treatment, bacteria 612
seeds, germination, salinity 926
soil water, responses 610
Parthenium fruticosum, plant, composition, guaianolides 4578
Parthenium hysterophorus
leaves, composition 8887
plant, composition, lactones 549
Parthenocissus tricuspidata, tissue culture, biochemistry 7939
Paspalum, irrigation, requirements, determination 9027
Paspalum conjugatum
as weeds
cocoa 2903
oil palms 1489, 2932
pineapples 3822
Paspalum notatum
as weeds, lawns and turf 1176, 2633
mycorrhizas 2638
Passer domesticus, control, of *Thysanoplusia orichalcea, Coriandrum sativum* 500
Passiflora (*see also* Passion fruits)
Passiflora caerulea, cold, responses 1551
Passiflora coccinea, plant, composition, cyanogens 1245
Passiflora incarnata, plant, composition, flavonoids 5728
Passiflora ligularis, cold, responses 1551
Passiflora maliformis
characteristics 652
cold, responses 1551
Passiflora quadrangularis
cold, responses 1551
plant, composition, glycosides 2894
Passion fruits
cold, responses 1551
cuttings
rooting, biochemistry 9250
treatment, growth regulators 9251
frost, tolerances 4620
fruits
composition 8371
flavours, biochemistry 8497
ripening, biochemistry 7382
set, environment 7373
grafting 6508
nutrition, nitrogen 7372
pollination, research 7373
production, Brazil 7378
reports
Australia 4817
Sarawak 6619
South Africa 3024, 9318
research, Sri Lanka 2896
soil water, responses 10108
storage 4677
systems, cold storage 5735
Pastinaca (*see also* Parsnips)
Patchouli (*see Pogostemon cablin)*
Paullinia cupana
flowers, biology 5653
intercropping, coconuts 10133
nutrition, deficiency 2028
seedlings, development, physiology 10226
Paulownia, taxonomy, morphology 1210
Paulownia tomentosa, tissue culture, propagation, micropropagation 1246
Pavetta indica, plant, composition, essential oils 3627
Pavonia multiflora, cultural methods, pot plants 3502
Pawpaw mosaic virus, pawpaws 4762
Pawpaws
cold, injuries 8370
cultivars
characteristics 3820, 4762
diseases 4762
growth 4763
nutrition 4764
storage 9282
yields 4763
Pawpaws *cont.*
cultural methods
Australia 1390
Ethiopia 1497
Tuvalu 3888
diseases, control, Brazil 34
fruits
biochemistry, gamma radiation 3816
composition 7383, 7413, 8371, 9256
ripening, biochemistry 8412
growth regulators
chlormequat, responses 4767
ethephon, responses 4767, 7381
GA, responses 7381
TIBA, responses 4767
herbicides, injuries 697
leaves, biochemistry, nutrition 6551
nutrition
boron 4764, 8409
calcium 6551
iron 5756, 8409
trace elements 8410
zinc 8409
plant
composition 7257, 9959, 9961
enzymes 8411
fatty acids 6857
heavy metals 3920
latex 8408
sex, determination 698
planting, spacing 1498, 4766
production, Brazil 7378
protected cultivation, systems, plastic film 8408
reports
India 3022, 6614-6615
South Africa 9318
research, Spain 6513
respiration, temperature 9372
seedlings, production, cultural methods 1497
seeds
germination, biochemistry 4765
production, cultural methods 4767
storage
systems
assessment 9282
cold storage 5735
temperature 4768
tissue culture
biochemistry 9281
propagation
micropropagation 3821
techniques 9280
ultrastructure 9281
yields, correlation 3820
Pea leaf roll virus, *Vicia faba* 4229
Pea mosaic virus, *Vicia faba* 4229
Peach rosette mosaic virus, grapes 9564
Peaches
as rootstocks
apricots 3131
plums 2262
budding, techniques 8580
buds
dormancy, temperature 5018, 8596
physiology 4972
cold, resistance, cultivars 8577
conferences 4809
cultivars
assessment
Africa 840
India 4012
Romania 9487
USA 4007, 4009
USSR 4011, 4983, 7553, 8467
Yugoslavia 8578-8579
biochemistry 4981, 8585
characteristics 3145-3146
Brazil 3142, 3144, 7568
Canada 4013
France 1608
Italy 776, 3147, 4876, 4985
USA 4978
Yugoslavia 842
chilling requirement 4009
diseases 2244, 3145, 3153, 4013, 4878, 6755
disorders 845
dormancy 8597
Peaches *cont.*
cultivars *cont.*
flowering 6754
germination 1609
growth 4980
pests 5884
physiology 4022
pollination 848, 3161, 8576
processing 4982, 7553, 9486
propagation 4987, 4997, 5877
pruning 8591
spacing 3141, 5879
temperature 1558, 4008, 4979, 6754, 8577, 8585
water relations 8557
winter hardiness 4010-4011, 4877, 8557
cultural methods 6682
France 5880, 6749
mechanization 4917
USA 4007
cuttings
cultural methods 9523
rooting, temperature 2150
treatment, growth regulators 104, 2150
types 104
summer cuttings 4987, 8498, 9488
diseases
Aspergillus niger 8501
Botryosphaeria dothidea 9438
Botryosphaeria obtusa 9438
Botryosphaeria rhodina 9438
decline, reviews 107
Fusicoccum amygdali 3153, 5017
Ganoderma lucidum 108
Monilinia 6755
phony disease 6840
Polyporus palustris 108
Rhizopus stolonifer 3163, 4023
Schizophyllum commune 108
Sphaerotheca pannosa 2244
Sphaerotheca pannosa var. *persicae* 4878
disorders
chlorosis 6685, 9492
woolliness 845
dormancy
cultivars 8597
cyanamide 9595
growth regulators 6719, 8597
physiology 811, 2248, 3113, 8596
temperature 6719
drought
resistance, rootstocks 9378
responses 2247
economics
Czechoslovakia 3921
France 3075
Spain 3075
flowers
biology 3161, 6754
development
growth regulators 5021, 9497-9498
physiology 10085
temperature 5021
initiation, growth regulators 849, 3158
thinning
ammonium thiosulphate 111
desiccants 111, 4021
growth regulators 3159
responses 5886
frost
injuries 1558, 2245
protection, equipment 1610, 5844
resistance
bacteria 5881
cultivars 4008, 4979, 6754, 7499
growth regulators 1570
physiology 4972
tests 8585
fruits
biochemistry
cultivars 841, 4981
herbicides 6751
colour, growth regulators 9500
composition 4884, 8602

Peaches *cont.*
fruits *cont.*
development
biochemistry 4022
cultivars 4022, 8599
environment 8599
growth regulators 849, 5025
histology 9386
temperature 9501
water relations 2247
drop
growth regulators 849
physiology 5022
flavours, biochemistry 8497
mechanical properties, assessment 8601
quality
consumer preferences 9502
gamma radiation 7572
handling 8602
harvesting date 6749, 9502
training 5011
ripening
biochemistry 4022
nutrition 5730
size, herbicides 3162
thinning
growth regulators 1613, 5023, 9499
herbicides 3162
responses 3159
techniques 2202
fungicides
determination 6663
responses 3160, 9493
grading, techniques 5026, 8601
growth regulators
ABA, responses 9449
BA, responses 8592, 9449, 9490
chloroethylmethylbenzyloxysilane, responses 9497
daminozide, responses 8592
ethephon
responses 9449, 9497, 9499
injuries 9498
flurprimidol, responses 9421
GA, responses 849, 3159, 8592, 9499
morphactins, responses 9500
paclobutrazol, responses 847, 4925, 5013, 5025, 9421, 9491
hail, injuries 8586
harvesting
harvesting date
assessment 6753
forecasting 112
techniques
assessment 8600
mechanical harvesting 113, 9328
herbicides
responses 6751
tolerances 5005
high density planting
cultivars 3141, 4998, 5000
cultural methods 5878-5879
meadow orchards 5000, 5002, 5013
economics 4998, 5880
light 5804
insecticides
application 32
determination 38
responses 9493
interstocks 9378
irrigation
requirements, determination 106, 5009
responses 3153, 4018, 5006, 5008
systems 4018, 5006-5008
water, sources 3150
leaves, biochemistry, cultivars 841
mulching
materials 5882
responses 5882
nectar 3157
nutrients
absorption, seasonal variation 6753
requirements, analysis 7501
nutrition
boron 4883

Peaches *cont.*
nutrition *cont.*
iron 844, 3152, 4993, 5016, 6685, 6752, 9492
magnesium 4020, 5883
manures 3150, 5015, 5730
nitrogen 3155, 4020, 5015, 6752, 8593
phosphorus 4020
potassium 4020, 6752, 8485, 8593
pesticides, application 8491
pests
Acari 5884
Ceratitis capitata 850
Criconemella xenoplax 8594-8595
Cydia molesta 846, 3926
Panonychus ulmi 2155
Pseudaulacaspis pentagona 5885
Synanthedon exitiosa 1612, 3154
Synanthedon pictipes 1612, 3154
photosynthesis
fruiting 3156
nutrition 3155
pesticides 9493
seasonal variation 3155
plant
composition 6655, 9496
enzymes 9495
development, assessment 103, 5022
planting
orientation 5003-5004
spacing 3078, 3141, 4999, 8584
planting stock
production
containers 9488
techniques 4016, 5877, 8580
tissue culture 7570
pollen
germination
fungicides 3160
inhibitors 8598
storage 3161
pollination
compatibility 8576
cultivars 848, 8576
processing, cultivars 4982, 7553, 9486
production, Brazil 6624
propagation, techniques, reviews 4988
pruning
responses 5010, 5884, 8588-8589
seasons 8590
systems
assessment 4019, 5886, 8591
growth regulators 5010
regeneration, pruning 4019, 5010
reports
Australia 6608
Cyprus 9316
Israel 7459
USA 6623, 9321
Yugoslavia 7462
ringing, responses 1611
roots
development
growth regulators 9491
irrigation 5006
soil 4990
rootstock scion relationships
growth 4015, 4994
nutrition 4993
physiology 4988, 4992
yields 4015, 4993-4994, 4999
rootstocks
assessment 4990
USA 105
characteristics 4996
USA 8583
diseases 105
pests 105
physiology 9378
propagation
cuttings 4991, 4995, 8582
seeds 4986
tissue culture 1596, 2230, 4989, 6748, 7570
temperature 1558
seeds
composition 3164-3165
germination 1609
treatment 85, 3149, 4014, 4016
shade, responses 2202

Peaches *cont.*
shoots
development, cultivars 4980
injuries
healing 5020
histology 5020
soil management, systems 4020
soil pH, responses 5883
soil sickness 6659
soil types 2153
storage
diseases 3163, 4023, 6755, 8501
pests 850
wraps 8501
tissue culture
propagation
embryos 4016
micropropagation 4997
techniques 48
topworking 8581
training
responses 3151, 5011-5012
systems 3078-3080, 5011-5012, 8584
transpiration, irrigation 109
water relations
cultivars 8557
diurnal variation 2247, 5009
irrigation 109
physiology 2261
rootstock scion relationships 4992
temperature 9912
weed control 2246, 4017, 5005, 5828, 5882, 6751, 7500, 9489
winter hardiness
biochemistry 4010
cultivars 8557
water relations 8557
wounds, healing 110, 9494
Peaches × almonds
as rootstocks, peaches 4993
cuttings, cultural methods 9523
frost, injuries 1558
tissue culture, storage 2230
Pears
budding, techniques 851
buds, composition 5044
cold, responses 9385
cultivars
assessment
Japan 5888
Switzerland 3166-3167
USSR 3922, 5029, 7573
biochemistry 119, 5027, 6756
characteristics 115, 2249-2250, 3930
Italy 776, 4876
Korea Republic 3168
UK 8057
diseases 3166, 3168, 6681
dwarf cultivars 6756
growth regulators 9504
harvesting date 3173
irrigation 5037
nutrition 4883, 6759
pests 119, 4025
pollination 855, 2253, 5887
precocity 5028
propagation 5889
pruning 5038
spacing 851
storage 858, 3167, 3173, 5051, 5890, 8606, 9511
temperature 1566, 9413
winter hardiness 4877
cultural methods
Europe 4890
Italy 3941
Netherlands 114
cuttings 5889
rooting, histology 1556
types, summer cuttings 8498
diseases
Botrytis 5052
control 763
mycoplasmas 7574
Penicillium 5052
Penicillium expansum 5053
Rosellinia necatrix 3925
Sclerotium rolfsii 8501
Stemphylium vesicarium 5042

Pears *cont.*
diseases *cont.*
viruses 6681
disorders
alfalfa greening 3170
brown core 8607
chlorosis 6685
cork spot 117, 2256, 3170, 5054
flesh hardening 5041
internal browning 6759, 8608
scald 8606
dormancy, physiology 811
dwarfing 3171
economics, Czechoslovakia 3921
flowers
development, temperature 8603
initiation, precocity 5028
frost
injuries 1566, 8541, 9380
resistance
cultivars 7499
cultural methods 9413
interstocks 1559
physiology 1557
rootstock scion relationships 1559
fruits
biochemistry
cultural methods 6759
growth regulators 5049
rootstock scion relationships 5031
composition 4030
cytology 822
development
assessment 9510
histology 9386
drop, growth regulators 5048
flavours
biochemistry 8497
storage 2221
maturity, assessment 8542
mechanical properties, pollination 2253
quality
consumer preferences 9376
cultivars 5027
thinning 2255
ripening
biochemistry 121-122
physiology 120-121, 857, 1615, 8605
storage 858, 9512
temperature 122
senescence 3172
set
growth regulators 5049, 6758
irrigation 3170
temperature 856
size
assessment 7545
growth regulators 5049
thinning
responses 2255
techniques 2255
fungicides
determination 6663
residues 6665
grafting
techniques
assessment 2251
bench grafts 852
growth regulators
aminooxyacetic acid, responses 9508
BA, responses 796
chlormequat, responses 3171, 4926, 9504
daminozide, responses 4926, 9504
ethephon, responses 5838, 9504, 9509
fenoprop, responses 5048
flurprimidol, physiology 854
GA, responses 796, 6758, 9509
naphthoxyacetic acid, responses 6758
paclobutrazol
physiology 854
responses 4926, 9504, 9509
polyamines, responses 9508
hail, injuries 1562

Pears *cont.*
harvesting, harvesting date, assessment 3173, 8542
herbicides, responses 4912
high density planting, cultural methods 4926
insecticides, application 32
interstocks 1559, 5035-5036, 9413
irrigation
responses 3169-3170, 5037
systems 3941, 5037
mycorrhizas 9505
nurseries, cultural methods 796
nutrients
absorption
measurement 6716
soil management 9382
requirements, analysis 7501
nutrition
boron 4883
calcium 117, 5041, 6716, 8496
iron 6685, 9435
magnesium 8496
manures 1614
nitrogen 1614, 2252, 5040, 8525
phosphorus 1614, 2252, 5040, 8525
potassium 1614, 2252, 5040, 8496, 8525
sodium 8496
surveys, France 6759
trace elements 5040, 6716
packing, containers 2219
pesticides, residues 3908
pests
Aculus schlechtendali 118
bullfinches 119, 5044
Cacopsylla pyri 5043
Cacopsylla pyricola 4028, 5829
Cydia molesta 3926
Cydia pomonella 3926
Diptacus gigantorhynchus 118
Epitrimerus 118
Epitrimerus pyri 5829
Eriophyes 118
integrated control, Chile 8500
supervised control 853
Tortricidae 3958
plant
composition
boron 30
calcium 3170
enzymes 3070
growth regulators 6756
nitrogen 3170
potassium 3170
planting
spacing 3078, 5034
systems 4890
planting stock
defoliation 5838, 6698
production
economics 3091
techniques 796, 1560
storage 852
pollen, tubes, development 9459, 9508
pollination
compatibility 855
cultivars 855, 2253, 5047, 5887
pollinators, Apoidea 4940
reviews 5790
temperature 856
processing 5050
production
Brazil 6624
France 4890
Italy 4890
slopes 2152
products 5050
pruning
systems 3171
mechanical methods 5038-5039
reports
Cyprus 9316
Netherlands 6616
Switzerland 15
UK 3025, 4825
Yugoslavia 7462
roots, development, rootstock scion relationships 9506

Pears *cont.*
rootstock scion relationships
compatibility 2251, 4026, 5030, 5046
diseases 5035, 7574
flowering 5028
growth 5031-5036, 9506
physiology 9413
temperature 1559-1560
yields 5031, 5033-5034, 5036
rootstocks
assessment 116
propagation
cuttings 7511
tissue culture 6768
salinity, responses 9385
seeds, treatment 85
soil aeration, equipment 6757
soil management, systems 9382
soil types 2153
soil water, responses 3169
storage 3166, 5050
biochemistry 122, 8607, 9512
cultivars 858, 3167, 9511
diseases 93, 5052-5053, 8501
disorders 120, 2256, 5054, 8606-8608
physiology 822, 3175
quality
cultural methods 3174
environment 3174
harvesting 120, 3173
thinning 2255
storage dips
calcium chloride 3175
fungicides 5052, 6665
sodium bicarbonate 8501
systems 5051
assessment 5890, 8606
cold storage 122, 2254, 3173
controlled atmosphere storage 94, 121, 2254, 5053, 8607, 9511-9512
suckers, control, herbicides 49
tissue culture
biochemistry 5045
propagation, techniques 48
responses, herbicides 4029
training, systems 3078-3080, 5038, 9503
water relations, physiology 3169
weed control 78, 3938, 4912, 6683, 7500
winter hardiness, assessment 2151

Peas
as cover crops, apples 8518
as green manures, hops 534
cultivars
assessment 6979
German Democratic Republic 8875
Hungary 4248
Norway 1035, 4249
biochemistry 4273, 8885
characteristics
Hungary 1036, 5284
India 1717
USA 8721
diseases 2478, 5284, 8874
growth 8877
identification 2477
irrigation 5288
leafless cultivars 8877
nodulation 4250
nutritional value 4277
pests 6971
physiology 4247, 5291
pollution 4456
dark, responses 5294
diseases
control 4224
Erysiphe pisi 2482
Erysiphe polygoni 319, 3375-3376
Fusarium 2478
Fusarium oxysporum f.sp. *pisi* 5284
Fusarium solani f.sp. *pisi* 8874
Peronospora viciae 6073
viruses 5561

Peas *cont.*
- flowers
  - development
    - cytology 7812
    - physiology 2599
- geotropism 5299
- growth regulators
  - ABA
    - metabolism 3379
    - responses 8859
  - auxins, physiology 1550
  - coumarins, responses 3380
  - cytokinins, biosynthesis 4266
  - ethephon, determination 4871
  - ethylene
    - biosynthesis 43, 8872, 8880-8881
    - composition 4264
    - metabolism 336
    - physiology 6074
    - responses 2486, 8882
  - fusicoccin, responses 4262
  - GA
    - absorption 337
    - biosynthesis 4265
    - responses 9724
  - gibberellins, physiology, reviews 6977
  - growth inhibitors, responses 3380
  - IAA
    - composition 4264
    - physiology 338
    - responses 4262, 8859
  - trigonelline, translocation 6978
- harvesting
  - harvesting date
    - forecasting 2479
    - sowing date 2479
- heat, resistance, physiology 9722
- herbicides
  - injuries 4140-4141, 7814
  - tolerances 4139
- hydrotropism 2487
- insecticides, residues 3263
- irrigation, responses 5286-5288
- leaves
  - development
    - biochemistry 335
    - physiology 6976
  - physiology 2131, 9723
  - spectral data 2126
- mulching
  - materials 4252
  - responses 4252
- mycorrhizas 1040
- nematicides, responses 8876
- nutrients, absorption, growth regulators 3380
- nutrition
  - chlorine 5289
  - copper 6974
  - iron 6974
  - manganese 6974
  - nitrogen 316, 318, 1039, 3374, 3378, 4253-4254, 5289, 6973, 7815, 9720
  - phosphorus 316, 2480, 5287, 6974
  - sulphur 4255
  - trace elements 6973
  - zinc 6974
- pests
  - *Chromatomyia horticola* 6971
  - *Heliothis armigera* 6975
  - *Meloidogyne* 320
  - *Meloidogyne incognita* 8876
  - *Ophiomyia phaseoli* 4257
  - *Thrips flavus* 1041
- photoperiodism 5296
- photosynthesis
  - biochemistry 210, 322, 326, 328-334, 1042, 1718-1720, 2484, 3377, 4258, 7818, 8878
    - reviews 7817
  - inhibitors 324-325, 327
  - light 5291
  - nutrition 9720
  - physiology 8859, 9721
  - research 766
  - temperature 7819
  - water relations 4261, 7819

Peas *cont.*
- plant
  - biochemistry 4269, 5300
  - composition 1927
    - amino acids 8883
    - carbohydrates 7821
    - carotenoids 2488
    - chlorophyll 5187
    - cytochromes 323
    - enzymes 379, 1044, 2374, 2489, 4271, 6075, 7811, 7820-7821, 9327
    - growth regulators 4263, 5297
    - lipids 4272, 8879
    - nucleic acids 4270
    - photosynthates 5821
    - phytoalexins 6060
    - phytochrome 1045, 5295
    - polyamines 3917, 4263, 5301
    - proteins 4268, 5187
    - terpenoids 4273
  - development, cytology 4260, 5290
  - physiology 4263
- pods
  - development
    - biochemistry 7822
    - water relations 8884
- pollution
  - dusts 6071
  - heavy metals 3274
  - polyvinyl chloride 927
  - sulphur dioxide 4456
- reports
  - Australia 4817
  - Cyprus 9316
  - France 8455
  - India 3022
  - UK 746-747, 3023, 4826, 6621
- respiration
  - biochemistry 2485, 3378
  - photorespiration 330, 4259, 5292-5293
  - temperature 2350
- roots
  - cytology 321, 6978, 7816
  - development, biochemistry 1721
  - nodulation 316-318, 1039, 4250, 7815, 8876
  - physiology 9722
- rotations 1072
- salinity, responses 4256, 7815, 9719
- seedlings
  - biochemistry
    - growth regulators 1043
    - wounds 1043
  - development
    - biochemistry 1038, 4267, 6074
    - cytology 1038
    - growth regulators 5298
    - physiology 2483
  - exudates 5302
- seeds
  - biochemistry, storage 1037
  - composition 1046, 3372, 4277, 6076, 8885
  - development
    - biochemistry 1015
    - growth regulators 9724
    - physiology 6066
    - water relations 8884
  - germination
    - anaerobiosis 6069
    - biochemistry 1015, 1038, 2481, 3255
    - cytology 1038
    - oxygen 6070
    - physiology 3864, 4251, 5285
    - salinity 4256
  - production
    - drying 8884
    - environment 4276
  - quality, assessment 6979
  - ripening, irrigation 5288
  - sowing
    - sowing date 2479
    - spacing 2480
  - storage 5162
    - duration 1037
  - treatment 4224, 4250, 7813
- shoots
  - physiology 3381

Peas *cont.*
- shoots *cont.*
  - senescence 3381, 5296
- soil compaction, responses 315, 6072
- soilless culture, systems, nutrient film techniques 8728
- tissue culture
  - culture media 4275
  - organogenesis 2490, 4274
  - responses, growth regulators 2491
- water relations
  - cytology 4260
  - physiology 4261
- weed control 3373, 7814, 8725
- weeds, competition 6972
- wounds, biochemistry 5290

Peat
- utilization
  - fertilizers, strawberries 2294
  - growing media
    - *Alstroemeria* 7153
    - *Anthurium andreanum* 5410
    - bedding plants 7095
    - *Begonia* 9009
    - *Bouvardia* 2708
    - carnations 1766, 3478, 8975
    - *Chamelaucium uncinatum* 9918
    - cherries 2231
    - chrysanthemums 6197, 9801
    - *Cissus antarctica* 9034
    - conifers 9062
    - container grown plants 1850, 2425, 9062
    - *Cornus florida* 1884
    - cucumbers 2419-2420, 2423-2424, 2426
    - *Dendromecon rigida* 3602
    - *Euphorbia fulgens* 5512
    - *Exacum affine* 9076
    - foliage plants 2661, 4423
    - *Gerbera* 419, 7115
    - grapes 161
    - greenhouse crops 5371
    - *Grevillea* 1243
    - *Grevillea johnsonii* 5522
    - *Hedera helix* 9076
    - *Helichrysum bracteatum* 1138
    - hyacinths 9016
    - *Impatiens walleriana* 430
    - *Iris* 1808
    - *Juniperus* 1213
    - lettuces 961, 3315
    - ornamental plants 3564
    - *Pelargonium* 1782
    - *Philodendron scandens* 9034
    - *Platycodon grandiflorus* 3512
    - pot plants 418, 9037
    - *Pyracantha coccinea* 6322
    - radishes 9667
    - *Rhododendron* 6300
    - *Rhododendron yedoense* 6299
    - *Rubus deliciosus* 1893
    - *Sequoia sempervirens* 6289
    - *Thuja occidentalis* 9069
    - tomatoes 361-363, 366, 2420, 2520, 2524, 2526, 3430, 4310, 7052, 7864, 8926-8927
    - *Vaccinium* 4071, 7611
    - *Vaccinium corymbosum* 7612, 7614
    - *Vaccinium vitis-idaea* 3201
    - vegetables 7095, 8915
    - *Vitis californica* 7664
    - woody plants 410, 1850
  - mulches
    - satsumas 5682
    - *Vaccinium vitis-idaea* 7617
    - woody plants 7182
  - soil amendments
    - apples 808
    - *Calluna vulgaris* 6292
    - *Erica* 6292
    - lawns and turf 3550
    - lettuces 9648
    - woody plants 491

Pecans
- cold, resistance 8609
- cultivars
  - assessment, USSR 7575
  - biochemistry 8611

Pecans *cont.*
cultivars *cont.*
characteristics 3177
diseases 3177
identification 5056
morphology 5056
pests 9513
temperature 8609
cuttings, types, root cuttings 3178
diseases, *Mycosphaerella caryigena* 3177
flowers
development
growth regulators 4033
histology 4032
frost, tolerances 4620
fungicides, responses 7576
growth regulators
2,4-D, responses 8612
daminozide, responses 4033
ethephon, responses 8612
mepiquat, responses 1618
NAA, responses 8612
growth retardation, growth regulators 9515
handling, techniques 9517
insecticides
application 5059
responses 3179, 5062
irrigation
fertilizers, application 5057, 5059
insecticides, application 5059
responses 5057
water, salinity 9514
nutrients, requirements, analysis 9516
nutrition
magnesium 5060
nitrogen 5057, 5059
phosphorus 8610
potassium 5059
nuts
abscission, growth regulators 5063
development, mechanical properties 859
physiology 3176
pests
control, USA 3179
Eulophonotus myrmeleon 1617
Gretchena bolliana 9513
Monellia caryella 4034
Monellia pecanis 4034
Stigmella juglandifoliella 5061
photosynthesis
fungicides 7576
insecticides 5062
plant, composition, carbohydrates 8611
pollen, germination 3180
reports
Australia 6609
Israel 7459
South Africa 9318
respiration, cultivars 3176
seedlings, production, cultural methods 1616
seeds, treatment 4031
shoots, development, growth regulators 4033
soil management
responses 5058
systems 5058
tissue culture, propagation, micropropagation, reviews 6680
water relations, growth regulators 9425
yields, pests 4034

Pectins
characterization
carrots 4339
Ziziphus sativa 2101
composition
Genipa americana 10225
jackfruits 655
peaches 4981-4982
Prunus 4884
quinces 4884
rhubarb 344
strawberries 4884
tomatoes 6146, 8941
metabolism
growth regulators, tomatoes 6140
ripening
nectarines 5024

Pectins *cont.*
metabolism *cont.*
ripening *cont.*
pears 121-122
storage, nectarines 5024
production
plant residues
cocoa 2079, 4726
Myristica fragrans 4483
Pectis apodocephala, plant, composition, essential oils 9965
Peganum, tissue culture, metabolites, production 9970
Peganum harmala, plant, composition, alkaloids 1350
Pelargonium
cultivars
assessment, Netherlands 8982
characteristics, Canada 1780
diseases 6214
growth regulators 2592, 8986
light 5399
pollination 2591
sowing date 5399
cultural methods, pot plants 1123, 3502, 4347, 5429, 6173, 6177, 8983
cuttings
development, growing media 7118
storage 7938
transport 7938
diseases, *Botrytis cinerea* 6214
dwarfing, growth regulators 5379
flowers
development, growth regulators 5375
initiation
environment 8986
growth regulators 8986
growing media, composition 6213
growth regulators, GA, responses 2592
hybrids, flowering 6212
leaves, physiology 307, 1127
nutrition 8984-8985
photosynthesis, physiology 1126
plant, composition, essential oils 2734
planting stock, production, tissue culture 7092
pollination
genetics 2591
mutants 2591
reports, USA 6623
seedlings, production, cultural methods 1782, 5399
species, chromosomes 6212
tissue culture
cytology 1783
organogenesis 8142
propagation, micropropagation 1781
water relations, physiology 308, 422
Pelargonium australe, tissue culture, organogenesis 8142
Pelargonium citriodorum, tissue culture, organogenesis 8142
Pelargonium crispum, tissue culture, organogenesis 8142
Pelargonium echinatum, tissue culture, organogenesis 8142
Pelargonium filifolium, tissue culture, organogenesis 8142
Pelargonium fragile, taxonomy, nomenclature 9807
Pelargonium fragrans, tissue culture, organogenesis 8142
Pelargonium graveolens
cultural methods, Israel 5549
pests
Helicotylenchus dihystera 3638
Meloidogyne hapla 3638
Scutellonema conicephalum 3638
plant, composition, essential oils 5549, 8143, 9944
tissue culture
metabolites, production 8144
organogenesis 8142
weed control 9951
Pelargonium hortorum
breeding, pollination 421
plant, development, mathematical models 5401

Pelargonium hortorum *cont.*
tissue culture, propagation, techniques 5400
weed control 6175
Pelargonium inquinans
characteristics 1779
seeds, germination, physiology 7937
Pelargonium peltatum
cultivars, growth regulators 1125
cultural methods
hanging baskets 1125
UK 5398
tissue culture, propagation, techniques 5400
Pelargonium peltatum* × *Pelargonium zonale, tissue culture, propagation, techniques 5400
Pelargonium quercifolium, tissue culture, organogenesis 8142
Pelargonium roseum, soilless culture, systems, hydroponics 2741
Pelargonium tomentosum, tissue culture, organogenesis 8142
Pelargonium trifidum, taxonomy, nomenclature 9807
Pelargonium tripartitum, taxonomy, nomenclature 9807
Pelargonium zonale
characteristics 1779
seeds, germination, physiology 7937
Pelargonium zonale* × *Pelargonium inquinans, leaves, variegation, genetics 9808
Penicillium
apples 6689, 9437
lemons 5712
pears 5052
tomatoes 7056
Penicillium brevi-compactum, cucumbers 6935
Penicillium canescens, grapes 199
Penicillium corymbiferum
Crocus 3517
Iris 5440
Penicillium digitatum
Citrus 2880, 4665, 6489, 8343
lemons 10092
oranges 7359
Penicillium expansum
apples 2217, 4949
cucumbers 6935
pears 5053
Penicillium italicum, *Citrus* 8343
Penicillium viridicatum, garlic 214
Pennisetum americanum, as mulches, bananas 10120
Pennisetum clandestinum, as weeds, carrots 5353-5354
Penstemon, landscaping, arid regions 9786
Penstemon pinifolius
cultural methods, pot plants 6173
plant, composition, glycosides 10021
Peperomia
cultural methods, pot plants 9032
species, characteristics 9032
Peperomia caperata, cuttings, types, leaf cuttings 5406
Peperomia griseoargentea
growing media
composition 8029
water relations 8029
Peperomia metallica
leaves, physiology 2663
photosynthesis
biochemistry 9045
physiology 9883
Peperomia obtusifolia
cultural methods, pot plants 9866
cuttings, sources, cultural methods 8025
fungicides, injuries 4412
shade, responses 9040
Peplis portula, as weeds, pot plants 413
Pepper mottle virus, *Capsicum* 8895
Peptides
characterization
plants 9933
Trichosanthes 2809
composition, Liliaceae 1146
metabolism, photosynthesis, spinach 5978

Pereskia aculeata
photosynthesis
CAM pathway 6265
physiology 6265
Pereskia grandifolia
photosynthesis
CAM pathway 6265
physiology 6265
Pereskiopsis porteri
photosynthesis
CAM pathway 6265
physiology 6265
Pergularia extensa, plant, composition 3703
Peribatodes rhomboidaria, grapes 3247, 6838
Perileucoptera coffeella, coffee 683-684, 2918, 7404
Perilla
flowers
initiation
growth regulators 5377
photoperiodism 5377
tissue culture, biochemistry 3639
Perilla frutescens
cultivars, assessment, Korea Republic 5366
herbicides, responses 9104
plant
composition
cyanogens 525
essential oils 3640
sterols 9189
shoots, development, growth regulators 6010
Periploca sepium, plant, composition 3658
Perlite
utilization
growing media
Alstroemeria 7153
Anthurium andreanum 5410
bedding plants 7095
Begonia 9009
Bouvardia 2708
carnations 3478
chestnuts 9482
chrysanthemums 9801
Cissus antarctica 9034
Cornus florida 1884
cucumbers 1076
Cyclamen 1148
Dahlia 1149
Enkianthus perulatus 1240
Erica darleyensis 5489
Gerbera 419, 7115
grapes 161
Grevillea 1243
Grevillea johnsonii 5522
Helichrysum bracteatum 1138
hyacinths 9016
Iris 1808
lettuces 961
Metrosideros carminea 7204
Pelargonium 1782
Philodendron scandens 9034
Photinia arbutifolia 1890
Rhododendron 6300
Rhododendron yedoense 6299
Rubus deliciosus 1893
Sequoia sempervirens 6289
stone fruits 4987
tea 9299
Thuja occidentalis 9069
tomatoes 361, 1076, 7864, 8926-8927
vegetables 7095
Pernettya furens, plant, composition, terpenoids 596
Peronospora destructor, onions 2364, 7704, 7709
Peronospora farinosa, spinach 6880
Peronospora ficariae, *Ranunculus* 5451
Peronospora parasitica, radishes 8816
Peronospora sparsa, boysenberries 883
Peronospora viciae, peas 6073
Persea (*see also* Avocados)
Persea indica, diseases, *Rosellinia necatrix* 3925
Persimmons
cultivars
assessment
USA 9253
USSR 8353
biochemistry 8361
characteristics
Brazil 8362
Italy 1439, 4876
Japan 10109
processing 9252
cuttings 4678
diseases, *Rosellinia necatrix* 3925
disorders 8363
dormancy, cyanamide 9595
fruits
drop
growth regulators 6509
ringing 6509
flavours, ethanol 3774
ripening
biochemistry 9254
physiology 10111
thinning, responses 4680
handling, techniques 3774
herbicides, injuries 8363
irregular bearing, thinning 4680
irrigation, responses 10110
leaves, composition 6511
nutrients, metabolism, seasonal variation 6510
nutrition, manures 5730
pesticides, residues 3908
pests
Heliothrips haemorrhoidalis 8364
Pseudococcus longispinus 8364
Tortricidae 8364
processing, cultivars 9252
reports
Australia 6609
Israel 7459
reviews 8360
storage, precooling 92
tissue culture
propagation
micropropagation 5729
techniques 48
Peru
medicinal plants, surveys 5573, 9142
poisonous plants, surveys 9142
Pestalotiopsis palmarum, coconuts 1469
Pesticides (*see also* Acaricides; Antibiotics; Antiviral agents; Fungicides; Herbicides; Insect attractants; Insect repellents; Insecticides; Molluscicides; Nematicides)
aldicarb, residues, oranges 1415
application, injection, woody plants 6660
carbamates, residues, horticultural crops 4864
dichloropropene, residues, lettuces 244
dodecyloxymethylene methylmorpholinium chloride, injuries, *Papaver somniferum* 8267
dodecyloxymethylene methylpiperidinium chloride, injuries, *Papaver somniferum* 8267
metam, residues, lettuces 244
methyl bromide, residues, lettuces 244
methyl isothiocyanate, residues, lettuces 244
organochlorine compounds
residues
Angelica archangelica 8168
Cnidium officinale 8168
horticultural crops 3908, 4864
Panax pseudoginseng 8168
organophosphorus compounds, residues, horticultural crops 4864
reviews
injuries, woody plants 5482
residues, medicinal plants 3907
Petrobia latens, *Coriandrum sativum* 8121
Petroselinum crispum
cultivars, assessment, USSR 7685
diseases, *Rosellinia necatrix* 3925
frost, injuries, surveys 5957
herbicides, tolerances 4139
Petroselinum crispum *cont.*
leaves
flavours, biochemistry 8497
senescence 4866
plant
composition
ascorbic acid 5826
essential oils 3616
flavonoids 4484
volatile compounds 1253
protected cultivation
systems
greenhouses 757
plastic film 8722
reports
Belgium 8453
UK 4828
seeds
composition 1901
dormancy, growth regulators 6150
production, cultural methods 2727
treatment 5163
soilless culture
nutrient solutions, temperature 9122
systems, nutrient film techniques 9121
tissue culture, biochemistry 501, 1252
weed control 930
Petroselinum crispum **subsp.** *tuberosum*
plant, composition, phthalides 405
seeds, production, cultural methods 6150
Petunia
breeding
combining ability 3498
genetics 5403
male sterility 4358, 7119
selection 3497
cut flowers, senescence 7906
flowers
colour, spectral data 5378
development
cytology 423
genetics 4357
senescence 5404
pollination 7900, 7940
genetics 5402
nutrients, absorption, seasonal variation 4360
nutrition
calcium 1129
nitrogen 1129
pollen
development
biochemistry 7119
cytology 7119
tubes, development 426
pollination
biochemistry 1786
compatibility 424, 3497-3499, 4361
genetics 3498-3499
physiology 5404
pollution, sulphur dioxide 1128
reports, USA 6623
respiration, biochemistry 4358, 7981
seedlings
production
cultural methods 7943, 8987
growing media 6172
seeds
dormancy, biochemistry 1784
germination, water relations 4364
tissue culture
biochemistry 7939
propagation, anthers 6215
responses
aluminium 4359
cadmium 4359
fluorine 4359
sulphur compounds 4359
wild plants, surveys 8720
Petunia integrifolia, pollination, compatibility 3497
Petunia parodii, pollen, development, biochemistry 425, 1785
Peucedanum decursivum, plant, composition, coumarins 8268-8269
Peucedanum officinale, plant, composition, coumarins 2759
Peucedanum ostruthium, plant, composition, coumarins 2759

Peucedanum praeruptorum, plant, composition, coumarins 8268
Pezicula malicorticis, apples 3088
Peziza vesiculosa, composition, polysaccharides 6169
Phacelia campanularia, plant, composition, allergens 7957
Phacelia pedicellata, plant, composition, allergens 7957
Phacelia tanacetifolia, seeds, germination, physiology 6227
Phaius, cultural methods, pot plants 1203
Phalaenopsis
flowers, development, temperature 5477
nutrition, copper 1204
taxonomy, morphology 7178
tissue culture, propagation, techniques 9056
Phalaenopsis amabilis, tissue culture, propagation, techniques 2669
Pharbitis *(see also Ipomoea)*
flowers
initiation
growth regulators 5377
photoperiodism 5377
Pharbitis nil
buds, development, ethylene 1775
cultivars, flowering 1777
flowers
development
growth regulators 5397
senescence 7936
initiation 1777-1778
biochemistry 420
light 6210-6211, 7117
photoperiodism 7117, 9806
physiology 7934
senescence 7935
geotropism 1773
plant
development
apical dominance 1773, 1775
measurement 4356
reports, UK 3885
roots, development, growth regulators 1774
seeds
germination, inhibitors 2147
treatment 3496
tissue culture, biochemistry 1776
Pharbitis purpurea
breeding 5396
mutants, induction, sodium azide 5396
Phaseolus
diseases, *Uromyces appendiculatus* 6662
dwarfing 6051
pests, Aphididae 6855
reports
Brazil 6610
Mauritius 4822
Phaseolus acutifolius
cultivars
drought 8849
temperature 8849
Phaseolus coccineus
heat, resistance, physiology 7805
herbicides
injuries 4139-4140
tolerances 4141
plant
composition
lipids 2470
photosynthates 5821
saponins 2470
development, stresses 3896
protected cultivation, pests 5165
reports, UK 4826
Phaseolus lunatus
cultivars, pests 3359
growth regulators, thidiazuron, metabolism 6965
pests, Nematoda 3359
seeds, composition 301
Phaseolus vulgaris
anaerobiosis 4216, 5267
carbon dioxide
responses 6049-6050
toxicity 6048
cold
injuries 753
Phaseolus vulgaris *cont.*
cold *cont.*
resistance
growth regulators 5275
physiology 3916, 7803-7804
cultivars
assessment 4205
Brazil 4206, 6953-6955, 7793
Bulgaria 282
Kenya 8850
Romania 6956
biochemistry 281
characteristics
Chile 9698
Hungary 5262, 6038
Italy 5261
USA 8721
USSR 9697
diseases 5260-5261, 6036, 6038, 6962
drought 6959, 8849
flowering 8864-8865
fruiting 8865
germination 6037, 6957
growth 6952
herbicides 7799
mechanical harvesting 1012
nutrition 6959, 9696, 9702-9704
physiology 6952
protected cultivation 2450
sowing date 6958
temperature 7803-7804, 8849
yields 1012, 4205
cultural methods
Tanzania 2336
Venezuela 6951
cuttings, rooting, growth regulators 1792
diseases
Alternaria alternata 8856
bean yellow mosaic virus 2462, 9698
Colletotrichum lindemuthianum 6962, 8856-8857
control 763
Fusarium 4212
Phytophthora phaseoli 6036
Pseudomonas syringae pv. *glycinea* 6054
Pseudomonas syringae pv. *phaseolicola* 2465
Pythium 4212
Rhizoctonia solani 4212
Uromyces appendiculatus 2466-2467
viruses 5561
drought
resistance
cultivars 6959
physiology 292, 6052
economics, Kenya 1011
flooding, responses 4209
flowers
abscission, physiology 1026
development, physiology 8864
geotropism 299, 1025, 5276
growth regulators
ABA
composition 7795
determination 293
responses 7806, 8859
adenosine phosphates, physiology 7494
ancymidol, responses 8852
BA, responses 7808, 9708
chlormequat, responses 2472, 8852
cytokinins, composition 4221
2,4-D, responses 5274
dichlorophenoxytriethylamine, responses 5229
dimethipin, responses 6056
ethephon, responses 7806
ethylene
biosynthesis 1716
metabolism 294-295, 4223
physiology 296
responses 8863
fenoprop, responses 5048
fusicoccin, responses 7806
GA, responses 3362, 7806, 8852
Phaseolus vulgaris *cont.*
growth regulators *cont.*
IAA
metabolism 8862
physiology 297, 1024
responses 297, 5274, 8859
paclobutrazol, responses 5275, 8852
trigonelline, responses 6978
zeatin
composition 6039
metabolism 4222
harvesting
harvesting date, assessment 5279
techniques, mechanical harvesting 1012, 6058
heat
resistance
growth regulators 5275
physiology 7805
herbicides
application 2461-2462
injuries 4139-4140, 6961, 7799, 8855
responses 2461-2462
tolerances 4141
insecticides
application 2461-2462
determination 2142
intercropping
Curcuma longa 4477
sugarcane 3834, 8854-8855
irrigation
frequency 2463
requirements, determination 6041
responses 7802
water, salinity 7796
leaves
abscission, ethylene 8863
biochemistry, temperature 1716
development
carbon dioxide 6049
light 8861
salinity 2464
physiology 1022-1023, 9670, 9710-9712
senescence 9701
mulching
materials 5266
responses 5266
mycorrhizas 6044
nutrients
absorption
diurnal variation 6045
physiology 3358
nutrition 4800
aluminium 1019
boron 5269
calcium 1019, 5267, 6046, 9696
chromium 7800
copper 1020
iron 4211, 9700-9701, 9703-9705
magnesium 204
manganese 1019-1020, 5268
manures 289, 2343, 3261
nitrogen 288, 1019, 2459, 3356-3357, 4219, 5267, 6042-6043, 6045, 7691, 8731, 9700
phosphorus 204, 1019, 2459, 3357, 6043, 6045, 6959, 7691, 8733, 9696
potassium 204, 3357, 5267, 6043, 6045, 7691
vanadium 9702
zinc 205, 1020, 6047, 9700-9701, 9706
pests
Aphididae 7801
Heliothis armigera 3360, 4213
integrated control 2346
Maruca testulalis 3360, 4213
Megalurothrips sjostedti 3360
Ootheca bennigseni 3360
Ophiomyia phaseoli 6963
supervised control 2346
photosynthesis
carbon dioxide 4215, 6048, 6050
growth regulators 9708
light 3361, 9710
oxygen 4215
physiology 291, 4214, 4217, 5273, 8859

Phaseolus vulgaris *cont.*
photosynthesis *cont.*
pollution 7797
pruning 9708
sulphur dioxide 5272
water relations 4218, 5271
zinc 7798, 9706
plant
composition
cadmium 8733
carbohydrates 1021
chlorophyll 209, 1021, 9714
enzymes 5277
flavonoids 6053
guanosine phosphates 5277
iron 4210
nitrogen 7804
nucleic acids 1021
photosynthates 2468, 3362, 8860
pigments 9715
proteins 1021, 9713
vitamin B 5167
zinc 8733
development
cytology 8858
physiology 4220
stresses 298, 3896
pods
abscission, growth regulators 6056
biochemistry
cultivars 7809
protected cultivation 7809
development
cultivars 8865
growth regulators 7808
pollution
acids 3354, 6960, 8853
cadmium 2451-2452
copper 2451-2452
fluorine 5263
lead 2451-2452, 6006
nitrogen oxides 283, 7797
ozone 283, 5275, 7686, 7797
sulphur dioxide 1016, 5275, 8852
zinc 7798
protected cultivation
cultivars 2450
cultural methods 891, 7796
heating systems 3035
irrigation 2463
spacing 284
reports
Australia 4817
Belgium 8453
Brazil 2121
Colombia 3020
Cyprus 9316
India 3022
New Zealand 6617
Spain 4823
UK 746-747
USA 9321
respiration, carbon dioxide 6050
roots
cytology 290, 6978
development
growth regulators 1024
nutrition 4211
soil 1018
vitamin D 6964
nodulation 1019, 3356, 6043, 7803, 9700
physiology 1025
rotations 2419, 4212
salinity, responses 2464
seedlings
development
biochemistry 2469, 3363
physiology 9707
seeds
anatomy 2449
composition 2449, 5278, 6039, 8866
development
biochemistry 1014-1015, 1027, 2471, 3353
embryology 6057
growth regulators 2472
histology 7807
physiology 7795

Phaseolus vulgaris *cont.*
seeds *cont.*
germination
biochemistry 1014-1015, 3353, 4208, 5270
colour 6957
cultivars 6037
physiology 3864, 7795
water relations 7794
sowing
sowing date 6958, 8850
spacing 1013, 2459, 8851, 9699
treatment 4207, 6040, 8857
soil amendments 5269
soil compaction, responses 1018
soil pH, responses 8729
soilless culture, systems, nutrient film techniques 8728
storage, systems, cold storage 3264
tissue culture
biochemistry 6055
protoplasts 3893
transpiration
measurement 4870
physiology 4217
water relations 4218
water relations
chromium 7800
light 9709
physiology 4218, 8860
waterlogging 7802
weed control 286-287, 930, 1017, 2453-2462, 3355, 6961, 7799
weeds, competition 285, 5264-5265
yields
correlation 300, 3360
diseases 6962
Phaulopsis falcisepala, plant, composition, lignans 3704
Pheidole megacephala
Citrus 4650-4651
pineapples 2948
Phellinus ignarius, grapes 5935
Phellodendron amurense
plant
composition 1247
essential oils 9952
shoots, cytology 9109
Phenolic compounds
biosynthesis
Caesalpinia sappan 6372
coffee 8395
characterization
Acanthospermum hispidum 3660
Alpinia officinarum 6356
Bauhinia racemosa 7264
Caesalpinia sappan 2769
Cissus pallida 9165
Dioscorea cirrhosa 2784
Garuga pinnata 1328
Melanorrhoea usitata 10047
Morus 8262
Morus lhou 2794, 10016
Pimpinella diversifolia 2742
Solidago virgaurea 2806
composition
Acacia catechu 3648
Acorus calamus 3630
Agrimonia eupatoria 552
Alchemilla pastoralis 552
Arctostaphylos uva-ursi 4542
Arnica montana 5583
Broussonetia papyrifera 2768
Cakile maritima 5588
Cannabis sativa 9156
Carthamus lanatus 8197
Centaurea cyanus 8205
Chamomilla suaveolens 6376
cherries 836, 2236
chestnuts 6745, 9482
chicory 235
coffee 8397
Cola nitida 3809
Crescentia cujete 6309
Dalbergia odorifera 8219
Davallia divaricata 2657
Euphorbia ferganensis 6396
figs 9485
Gardenia jasminoides 9179
grapes 3215, 5117
growing media 2420

Phenolic compounds *cont.*
composition *cont.*
Haplopappus fremontii 5608
Hippophae rhamnoides 9562
hops 7249
Hydrangea macrophylla 481
insecticidal plants 2752
Ipomoea aquatica 9184
Maclura pomifera 8109
mangoes 2928
Nephrolepis auriculata 2657
Nephrolepis biserrata 2657
Okoubaka aubrevillei 1982
Onobrychis tanaitica 6415
Ononis natrix 4575-4576
Perilla frutescens 525
Phacelia 7957
Potentilla anserina 552
Prunus 4884
Pterocarpus indicus 9191
Quassia multiflora 1358
quinces 4884
raspberries 552
Rhodiola 3706
Rhus chinensis 1992
Rubus plicatus 552
Sambucus racemosa 6776
Semecarpus vitiensis 4586
Senecio desfontainei 10032
Sideritis 5632
small fruits 870
strawberries 552, 4884, 7653
Swertia japonica 9202
Tamus communis 2006
tea 5782
Terminalia chebula 3648
tomatoes 385
Toxicodendron radicans 9966
Viscum album 8308
Wedelia calendulaceae 2016
Zanthoxylum zanthoxyloides 4600
Zingiber officinale 3622
determination
globe artichokes 1689
pears 119
Solidago virgaurea 9199
extraction, globe artichokes 4158
metabolism
dormancy, peaches 2248
fruiting
grapes 186
olives 2065, 10106
gamma radiation, tropical fruits 3816
growth regulators, tea 10221
herbicides
Cryptomeria japonica 9104
Perilla frutescens 9104
nutrition, vegetables 8731
photoperiodism, chicory 3309
physiology
Juglans 9528
Rhododendron 2698
rootstock scion relationships, cherries 7558
seasonal variation
hazelnuts 3138
peaches 2248, 4022
storage, pomegranates 9255
tissue culture
chicory 3309
grapes 8715
Lithospermum erythrorhizon 8259
Rehmannia glutinosa 8281
tea 10221
wounds, temperate fruits 1562
production, plant residues, tea 2100
responses, *Impatiens balsamina* 3508
sources, surveys, USA 4610
taxonomy
cherries 2236
Iridaceae 9785
Philadelphus coronarius, cuttings, treatment 3571
Philadelphus virginalis, cuttings, types, summer cuttings 6284
Philodendron
cultural methods, pot plants 2641, 9046
protected cultivation, systems, greenhouses 1112

Philodendron elegans, plant, composition, allergens 1199
Philodendron erubescens
cuttings, cultural methods 3557
plant, composition, allergens 1199
tissue culture, propagation, micropropagation 1824
Philodendron obtusa, cultural methods, pot plants 2661
Philodendron radiatum, plant, composition, allergens 1199
Philodendron scandens
cultural methods, pot plants 2644, 9866
cuttings
production, techniques 9034
treatment, antitranspirants 7205
plant, composition, allergens 1199
shade, responses 9040
tissue culture, propagation, micropropagation 2585
Phleum
establishment, slopes 9857
regeneration 6256
utilization, lawns and turf 9857
Phleum pratense
cultivars
characteristics, Denmark 8008
winter hardiness 3545
establishment, slopes 3545, 5455
growth retardation, growth regulators 8015
plant, development, assessment 8004
regeneration, oversowing 8005
weed control 5458
Phlojodicarpus sibiricus
plant
composition 8271
glycosides 8270
Phlojodicarpus villosus, plant, composition, glycosides 8270
Phlox
cultural methods, pot plants 8994
growing media, composition 8994
growth regulators
cytokinins, responses 3501
GA, responses 3501
Phlox drummondii
breeding, inbreeding 6228
planting stock, production, tissue culture 5420
Phlox paniculata
cultivars
morphology 9819
photosynthesis 9819
cuttings, types, summer cuttings 2602
Phlox subulata, planting stock, storage 7944
Phoenix (*see also* Dates)
Phoenix roebelenii, cultural methods, pot plants 4418-4419
Pholidota chinensis, plant, composition, terpenoids 8272
Pholiota nameko, composition, polysaccharides 6169
Phoma costarricensis, coffee 5745
Phoma flaccida, grapes 156
Phoma sorghina, *Psophocarpus tetragonolobus* 1047
Phomopsis anacardii, cashews 4708
Phomopsis citri, oranges 3752
Phomopsis mangiferae, mangoes 10162
Phomopsis obscurans, strawberries 8677
Phomopsis sclerotioides, cucumbers 7781
Phomopsis viticola, grapes 4096, 5935
Phorodon humuli, plums 9519
Phosphates
biosynthesis, Jerusalem artichokes 2377
composition
dates 5718
Washingtonia filifera 5718
metabolism
light, apples 7542
ripening
apples 6138
tomatoes 6138
Phosphorus
absorption
apples 9382
bananas 10122, 10124
Begonia 9010
black currants 9538
Phosphorus *cont.*
absorption *cont.*
cabbages 6916
Capsicum 2506, 6092
carnations 9797
carrots 1093, 5355-5356
citranges 9227
cocoa 9261
cucumbers 3431, 8829
Cucurbita moschata 3342
mandarins 9237
melons 6944
onions 1666, 8755
pears 9382
peas 1039, 3380
Petunia 4360
tea 6585
tomatoes 3431, 6128, 7023, 7033
composition
apples 3098, 3973
celery 3317
cherries 9475
Citrullus colocynthis 6035
coconuts 7402
Coriandrum sativum 4472
Genipa americana 10225
grapes 177
Grevillea 8106
lettuces 3317
Ligustrum sinense 7217
pears 4030, 6759
Phaseolus vulgaris 281
Plumbaginaceae 8974
Proteaceae 7089
tomatoes 7031
vegetables 3266, 7694
deficiency
apples 80
Asparagus 6981
Basella alba 6164
Brassica chinensis 6919
Brassica parachinensis 6919
Caladium 6272
Citrus 4643
cucumbers 2427
Cucurbita pepo 2441
Gerbera 1772
guavas 6539
onions 4147, 6872
Paullinia cupana 2028
pistachios 4036-4037
poinsettias 1862
rubber 6559
tomatoes 3432, 7033
fertilizers
assessment
Capsicum 9730
Citrus 2854
Citrus limonia 1410
onions 942
oranges 1409
satsumas 1409
strawberries 6812
vegetables 8733
metabolism
boron, mandarins 5694
calcium
black currants 3192
cucumbers 6024
greenhouse crops 203
Petunia 1129
dark, spinach 1682
defoliation, apples 9453
drought, *Phaseolus vulgaris* 6959
flowering, *Citrus* 7356
growth regulators
Anemone coronaria 2612-2613
okras 1052
Ranunculus asiaticus 2612-2613
satsumas 2851
harvesting, *Telfairia occidentalis* 1714
iron, *Cucurbita pepo* 4193
irrigation
beetroots 3275
cabbages 3275
grapes 910
leeks 3275
light
Anemone coronaria 2611
Ranunculus asiaticus 2611
Phosphorus *cont.*
metabolism *cont.*
magnesium
peaches 5883
pecans 5060
tomatoes 7040
mulching, *Vaccinium vitis-idaea* 7617
mycorrhizas
Citrus 8330
Eremochloa ophiuroides 2638
horticultural crops 6705
sour oranges 2855
nitrogen
apples 6708
cucumbers 2429
melons 6944
Petunia 1129
nutrition
peaches 5015
tomatoes 4318
pollination, *Lilium longiflorum* 9842
potassium, hops 1270
ripening
grapes 6846
pears 4030
rootstock scion relationships
Citrus 5686, 6463
grapes 6822
lemons 620
salinity
grapes 919
guavas 2084
tomatoes 7040
seasonal variation
cherries 3998
Coriandrum sativum 499
grapes 6833
Jasminum grandiflorum 3637
oranges 10076
peaches 6753
persimmons 6510
soil management, grapes 910
temperature, *Capsicum* 6091
tissue culture
Catharanthus roseus 8204
Datura fastuosa 2782
nutrition
Achillea millefolium 1292
Actinidia chinensis 9530
Agrimonia procera 8174
Aloe arborescens 9976
Alstroemeria 4401, 9024
Amaranthus hybridus 5363
apples 805, 807, 819, 5853, 6700, 6706, 7535, 8520, 8525, 8530, 9431, 9470
Asparagus 341
aubergines 4289, 7004
avocados 1392, 7314
Basella alba 6164
bedding plants 6172
beetroots 8730
Begonia 9009
black currants 3194, 7535
books 734
Brassica 6001
broccoli 1697
cabbages 255, 2525, 8730
Capsicum 6993
cardoons 954
carnations 8977
carrots 2548, 3454, 5360
cashews 3783, 4705, 4707
Catharanthus roseus 5592
celery 4342, 5361, 7070
chicory 8779
Chinese cabbages 7745
chives 5975
chrysanthemums 6199
Citrullus vulgaris var. *fistulosus* 268
coconuts 1468, 2912, 6532
reviews 3796
coffee 1475, 3802, 4740, 8393, 10145
container grown plants 9092
Coriandrum sativum 2724, 8120
cucumbers 266-267, 6126, 6941, 8730, 8832

Phosphorus *cont.*
nutrition *cont.*
Cucurbita pepo 4193, 9228
Cupressus macrocarpa 1855
Curcuma longa 4478
Cyamopsis tetragonoloba 313
Cyclamen 1802-1803, 5430, 8985
Cymbopogon flexuosus 6334
Cymbopogon winterianus 512
Cyperus esculentus 1099
Erica darleyensis 5490
Festuca 1108
Ficus benjamina 8038
foliage plants 8043, 9033
garlic 5172, 8735
Gladiolus 2615, 3520
Gladiolus grandiflora 7978
Gloriosa rothschildiana 4404
grapes 2312, 4117-4118, 6830, 8484, 8708
guavas 2083
hops 4522, 9956
Ilex 6294
Impatiens walleriana 8984
Jasminum grandiflorum 6296
Lantana camara 5524
lawns and turf 5460, 9857
lemons 3748
lettuces 266, 5200, 5361, 7738, 8786
Litchi 2063
Magnolia grandiflora 3579
mandarins 2051, 5689
melons 996
Mentha 2740
natsudaidais 5688
nectarines 5014
Ocimum sanctum 524
oil palms 2089, 4755, 6548, 9278
okras 4289-4290, 7004, 7829
onions 1665, 8756
oranges 1407-1408, 2856-2857, 7358
Origanum majorana 4513
peaches 4020
pears 1614, 2252, 5040, 8525
peas 316, 2480, 5287, 6974
pecans 8610
Pelargonium 8984-8985
Pelargonium graveolens 8143
Phaseolus vulgaris 1019, 2459, 3357, 6043, 6045, 6959, 9696
pineapples 2090, 6554, 9284, 10179
Pinellia ternata 597
Piper betle 2029-2030, 2821
Platycodon grandiflorus 5423
plums 1620
pot plants 1185, 2661, 6177
Psophocarpus tetragonolobus 2492, 4278
radishes 3328
raspberries 2285
red currants 2275
Rhododendron 5497, 7196
roses 2701, 8079
rough lemons 9228
rubber 2091, 4774, 6558-6559
Saintpaulia 8988
Salvia officinalis 9953
satsumas 2845, 9225, 10075
Sedum 1108
Simmondsia chinensis 8312
Sinningia speciosa 9015
spinach 8774, 9630
Stevia rebaudiana 2828, 3732, 9217
strawberries 2295, 6810-6811, 6813
sugarcane 3841, 9293
Tagetes patula 9825
tea 1515, 2995, 2998
temperate fruits 2153
tomatoes 361, 368, 1070, 2525-2526, 3433, 3435, 3451, 4319, 6126, 7018, 7026, 7028, 7034, 8730, 8931, 9749, 9753
Trichosanthes cucumerina 6941
Vaccinium 7615
Vaccinium corymbosum 7621
Vaccinium macrocarpon 7623
vegetables 204, 1658, 7691, 8729
Vicia faba 5280
Viola tricolor 4374

Phosphorus *cont.*
nutrition *cont.*
Withania somnifera 4598
woody plants 3572, 8066, 9092
requirements
analysis
apples 804, 2220, 3948-3950
avocados 6456
bananas 8379
cabbages 1700
cashews 4706
cherries 3997
Citrus 3744, 3746, 7332
Citrus latifolia 5686
coconuts 6532
Gerbera 4352
grapes 1648, 3238, 4116, 5138, 6827-6828, 6836
guavas 6540
limes 5686
mandarins 3745
mangoes 3813
oil palms 4755
onions 6872
oranges 4642, 7331
pecans 9516
pineapples 7415
plants 6628
sugarcane 3837
tomatoes 7025, 7027
Vaccinium macrocarpon 7623
Vaccinium vitis-idaea 7622
walnuts 6770
assessment, sugarcane 6579
responses
raspberries 2283
spinach 1678, 6883
toxicity, melons 269
translocation
bananas 10125-10126
peas 3380
Photinia arbutifolia, cuttings 1890
Photinia fraseri, diseases, *Diplocarpon mespili* 2718
Photinia serrulata, plant, composition 3658
Photography
techniques
surveys
apples 6631
sugarcane 3829
Photoperiodism
Antirrhinum 2575
apples 1579
Artemisia dracunculus 7228
Begonia 1799
Begonia hiemalis 1800
Begonia masoniana 7134
Bougainvillea 5485
Calceolaria 1789
Campanula isophylla 5415
Capsicum 1057
chicory 3309
Chinese cabbages 5205
chrysanthemums 1117, 1121-1122, 1768, 3493, 5391, 6204
Citrus latifolia 1419
coffee 2081
Episcia cupreata 9876
Eschscholzia californica 8997
Fuchsia 1887, 6312
Gypsophila paniculata 9811
Heliconia stricta 9812
Hydrangea 9074
Impatiens 1791
Impatiens balsamina 6223, 7952, 9814
Kalanchoe blossfeldiana 4414
lettuces 1692, 5203, 7741
Lilium maculatum 1158
Nymphaea 7166
okras 6082
onions 7713-7714, 8749
peas 5296
Pharbitis nil 1777, 6210-6211, 9806
pineapples 4771, 7416
plants 5377
radishes 5230
Rebutia minuscula 9884
Rhododendron 483
Schlumbergera truncata 462
Sinapis alba 1255

Photoperiodism *cont.*
spinach 1681, 5195, 9635
strawberries 8681-8682
Streptocarpus nobilis 7959
sweet peas 4368
Tanacetum parthenium 9006
tomatoes 5341
vegetables 209
Zinnia elegans 6230
Photosynthates
biosynthesis
grapes 5146
Phaseolus vulgaris 2468
metabolism
growth regulators, horticultural crops 5821
photoperiodism, *Capsicum* 1057
temperature, grapes 5945
translocation
apples 810, 2181, 2205, 3944, 3962, 5860-5861, 6696
apricots 3983
Coleus blumei 1188-1189
cucumbers 270, 274
grapes 5945, 9589, 9592
Lilium longiflorum 9018, 9840
Lolium perenne 6259
mangoes 10167
melons 9688
oil palms 2941, 4758
peas 6066
Phaseolus vulgaris 3356, 3362, 8860
Piper nigrum 8124
reviews 767
roses 9910
rubber 9286
strawberries 1632, 8680
tomatoes 5342
Vicia faba 4233, 6066, 8869
Photosynthesis
antioxidants
spinach 2373
Vicia faba 4235
antitranspirants, peaches 3162
aspect, grapes 4129
biochemistry
Abutilon pictum 9038
Amaranthus cruentus 1549
apples 3967
Asparagus densiflorus 3559
Atriplex halimus 1549
Cereus 7491
Cotyledon orbiculata 7491
cucumbers 1709-1710
Cucurbita pepo 2438
horticultural crops 42
Hoya 7491
Kalanchoe 7491
Kalanchoe tubiflora 4415
peas 322, 326, 328-334, 1042, 1718-1720, 2484, 3377, 4258, 7818, 8878
reviews 7817
Peperomia metallica 9045
Phytolacca americana 8770
pineapples 7491
Portulaca oleracea 1549
Salsola soda 1549
Senecio amaniensis 7491
spinach 226, 1670-1672, 1676-1677, 1679-1680, 1682, 1720, 2371-2372, 3299, 3301-3304, 3912, 5189-5193, 5978-5979, 6883, 7491, 7719, 8770, 8772-8773, 9627-9628, 9631, 9634
reviews 7817
sugarcane 10201-10202
vegetables 210
Vicia faba 4236
books 7447
CAM pathway
Agave americana 7497
Agave deserti 2650
Aranda 1205
Bromeliaceae 8018-8021
Cactaceae 6265
Cereus 7491
Cissus quadrangula 8036
Cotyledon orbiculata 7491
Gesneriaceae 5407

Photosynthesis *cont.*
CAM pathway *cont.*
Hoya 7491
Kalanchoe 456, 7491
Kalanchoe blossfeldiana 1829, 4414, 9880-9882
Kalanchoe tubiflora 4415, 7497
Opuntia 460
Orchidaceae 9059
pineapples 7416, 7491
plants 2128
Sedum rubrotinctum 8046
Senecio amaniensis 7491
succulent plants 8027, 9038
Tillandsia usneoides 4865
carbon dioxide
Begonia hiemalis 1798
Phaseolus vulgaris 2468, 4215, 6048, 6050
plants 3915
radishes 6929
strawberries 1633, 7650
cultivars
coconuts 3797
Piper nigrum 8124
sugarcane 1505
disbudding, *Lilium longiflorum* 9018
diurnal variation, cherries 101
drought
apples 2191
fruit crops 2189
satsumas 2869
Schefflera arboricola 2666
environment
cucumbers 6029
greenhouse crops 1543, 9349-9350, 9352
oranges 5703
strawberries 4869
tomatoes 7010
flooding
Vaccinium 8644
Vaccinium ashei 7629
Vaccinium corymbosum 9552
flowering
apples 9448
cherries 101
fruiting
apples 4935
grapes 5943
peaches 3156
strawberries 2301, 8680
fungicides, pecans 7576
growth regulators
peaches 3162
Phaseolus vulgaris 9708
herbicides, peaches 3162
humidity, mandarins 9237
inhibitors
cucumbers 276
peas 324-325, 327
spinach 327, 1673, 2372, 6881
tomatoes 378
insecticides, pecans 5062
irrigation
apples 9419
mandarins 626
light
Amaranthus hybridus 5363
apples 8536
Betula platyphylla 9099
Cactaceae 9868
Fatsia japonica 8068
Hedera helix 8068
lettuces 8792
Ligustrum ovalifolium 494
peas 5291
Phaseolus vulgaris 2468, 3361, 9710
Piper nigrum 8124
plants 3915
reviews 4867
poinsettias 8072
Sinapis alba 2730
Solanum dulcamara 10033
spinach 225, 5188, 6884, 7719
strawberries 5914
sugarcane 2988
Tillandsia usneoides 4865
tomatoes 4325-4326, 5341-5343
Vaccinium macrocarpon 7630

Photosynthesis *cont.*
measurement
Citrus 9323
coconuts 3797
grapes 9590
Litchi 10098
Phlox paniculata 9819
spinach 8462
microorganisms, oranges 4669
mutants, *Ligustrum ovalifolium* 494
nitrogen, *Solanum dulcamara* 10033
nutrition
apples 9434
grapes 3248
peaches 3155
peas 9720
spinach 8774, 9630
sugarcane 7434, 10198
tomatoes 9752
Vicia faba 5280
oxygen
Phaseolus vulgaris 4215
spinach 6883
strawberries 1633
pesticides, peaches 9493
pests, chrysanthemums 2589
phosphorus, spinach 1678
photoperiodism
pineapples 7416
spinach 1681
strawberries 8682
phthalates
radishes 6639-6640
spinach 6640
physiology
Actinidia arguta 5515
Asparagus densiflorus 6270
Bromeliaceae 8020
cabbages 2539
Cactaceae 6265
Celastrus orbiculatus 5515
cocoa 3792
cucumbers 274, 1001
grapes 3248
Kalanchoe blossfeldiana 4414
Lonicera japonica 5515
Lonicera sempervirens 5515
olives 2892
peas 4247, 8859, 9721
Pelargonium 1126
Peperomia metallica 9883
Phaseolus vulgaris 291, 4214, 4217, 5273, 8859
radishes 2539
satsumas 2868
spinach 1674, 3300, 4868, 5980, 7718, 8771, 9629, 9632-9633
strawberries 2301
tomatoes 377, 2539, 9756
Tradescantia virginiana 1126
Vicia faba 306, 1031, 1126, 2474, 4217, 8869, 9717
pollution
Phaseolus vulgaris 7797
pot plants 6263-6264
radishes 4183
spinach 6882, 9332
potassium
grapes 6835
spinach 227
propagation, *Betula platyphylla* 9099
pruning
Opuntia ficus-indica 7074
Phaseolus vulgaris 9708
research
spinach 6884
vegetables 766
ringing, apples 4935
salinity
Citrus 6471
pistachios 9518
pomegranates 5732
seasonal variation, peaches 3155
senescence, grapes 2324
spacing, apples 9419
steroids, *Vicia faba* 4232
sulphites, *Vicia faba* 3368
sulphur dioxide, *Phaseolus vulgaris* 5272
temperature
Capsicum 6091, 7777

Photosynthesis *cont.*
temperature *cont.*
cucumbers 7777
Fatsia japonica 8068
Ferocactus acanthodes 7173
foliage plants 1823
grapes 9593
Hedera helix 8068
Kalanchoe 456
mandarins 626
Nerium oleander 1683
peas 7819
roses 9910
spinach 1683
strawberries 1633
succulent plants 8027
tomatoes 5340, 5343
Valerianella locusta 6166
vegetables 2348
tissue culture, *Ruta graveolens* 1360
transpiration, apples 9448
water relations
Bromeliaceae 8019, 8021
grapefruits 2870
peas 4261, 7819
Phaseolus vulgaris 4218, 5271
pistachios 9518
Sedum rubrotinctum 8046
spinach 227, 949, 4152
strawberries 7650
succulent plants 8027
zinc, *Phaseolus vulgaris* 7798, 9706
Phototropism
Adiantum capillus-veneris 9870-9871
radishes 9671-9672
Phragmidium mucronatum, *Rosa* 1226
Phragmidium rubi-idaei, raspberries 3196
Phragmipedium besseae, characteristics 7176
Phthalides
composition
Bifora testiculata 405
celeriac 405
celery 405
Petroselinum crispum subsp. *tuberosum* 405
Phthorimaea operculella, tomatoes 1736
Phylidonyris novaehollandiae, pollinators, *Banksia prionotes* 8101
Phyllanthus emblica
plant, composition 5569
tissue culture, propagation, micropropagation 730
Phyllanthus sellowianus, plant, composition 1987
Phyllocnistis citrella, oranges 1415
Phyllocoptruta, oranges 3752
Phyllocoptruta oleivora
Citrus 2865, 4649, 7346
grapefruits 2053
mandarins 5696
oranges 642, 7347-7348
Phyllonorycter, apples 4932
Phyllotreta, cauliflowers 6922
Phyllotreta cruciferae, cabbages 9663
Physalis, tissue culture, propagation, protoplasts 2130
Physalis alkekengi, fruits, composition 7294
Physalis angulata, plant, composition, steroids 608
Physalis ixocarpa
fruits, quality, spacing 7060
planting, spacing 7060
Physalis minima
plant, composition 5569
tissue culture, propagation, protoplasts 4087
Physalis peruviana, cultural methods, New Zealand 8688
Physalospora baccae, grapes 182
Physocarpus opulifolius, planting stock, production, techniques 3572
Physostegia virginiana, cut flowers, production, cultural methods 1788
Phytoalexins
biosynthesis, carrots 2551
composition, *Cinchona ledgeriana* 9989
metabolism
tissue culture
Cinchona ledgeriana 571

Phytoalexins *cont.*
metabolism *cont.*
tissue culture *cont.*
Petroselinum crispum 501
water relations
peas 6060
Vicia faba 6060
Phytochelatins, reviews 9933
Phytochrome
biosynthesis, peas 5285
characterization, peas 5295
metabolism, light, peas 1045
physiology
Adiantum capillus-veneris 9870
Amaranthus hypochondriacus 6220
chicory 956, 3309
cucumbers 3347, 4201-4202
lettuces 7734
light 7786
peas 337, 5294
Pharbitis nil 6211
Phaseolus vulgaris 9707
Saintpaulia 7872
tomatoes 7872
Phytolacca americana
photosynthesis, biochemistry 8770
plant, composition, proteins 4268
Phytolacca bogotensis, plant, composition, pigments 223
Phytomyza ilicis, *Ilex* 9073
Phytophthora
apples 7513
fruit crops 6658
grapefruits 4626
lemons 4630
oranges 1394
Rhododendron 2695
tomatoes 4307
Vaccinium 4065
Phytophthora boehmeriae, *Boehmeria nivea* 2751
Phytophthora cactorum
apples 83, 3088, 4930, 7514, 9439
Citrus 7345
strawberries 5084, 7647, 8678, 9560
walnuts 6769
Phytophthora capsici
Capsicum 6990
cocoa 3791
Phytophthora cinnamomi
avocados 2834, 3733, 5659
chestnuts 9482
Cinchona ledgeriana 9989
grapes 5141
Juglans hindsii 6772
Rhododendron 2695-2696
walnuts 4049, 6769, 6772
Phytophthora citricola
Citrus 7345
Juglans hindsii 6772
walnuts 4049, 6769, 6772
Phytophthora citrophthora
Citrus 7345, 8328
cocoa 3791
Juglans hindsii 6772
reports, Israel 7459
walnuts 4049, 6769, 6772
Phytophthora cryptogea
cucumbers 9684
Gerbera 5394
walnuts 4049, 6769
Phytophthora drechsleri, poinsettias 482
Phytophthora fragariae, strawberries 5099, 7637
Phytophthora hibernalis, *Citrus* 7345
Phytophthora infestans
Solanum aviculare 1365
tomatoes 1081, 6111
Phytophthora megasperma, walnuts 6769
Phytophthora megasperma* var. *sojae,
Asparagus 7826, 9726
Phytophthora melonis, cucumbers 2434, 4195
Phytophthora nicotianae, *Capsicum* 6994
Phytophthora nicotianae* var. *nicotianae,
tomatoes 4322
Phytophthora nicotianae* var. *parasitica
Citrus 8328
Lilium 7144
oranges 2860
Piper betle 2029-2031, 2817
Phytophthora nicotianae* var. *parasitica *cont.*
poinsettias 482
Poncirus trifoliata 8326
Saintpaulia 2593
Phytophthora palmivora, cocoa 3791
Phytophthora palmivora* var. *piperi, *Piper nigrum* 4485
Phytophthora phaseoli, *Phaseolus vulgaris* 6036
Phytophthora porri, leeks 937, 3277
Phytophthora syringae
almonds 8583
Citrus 7345
stone fruits 8583
Phytoptus avellanae, hazelnuts 2241, 4975
Phytoseiulus, control, of *Trialeurodes vaporariorum,* greenhouse crops 1084
Phytoseiulus persimilis
control
of *Tetranychus cinnabarinus*
aubergines 4302
globe artichokes 4302
of *Tetranychus urticae*
Cucurbitaceae 2436
greenhouse crops 5165, 6662
raspberries 4062
Solanaceae 2436
strawberries 2300, 3207
Picea
cultural methods, pot plants 8100
cuttings
cultural methods 9068
storage 9894
parasitic plants, *Viscum album* 8308
Picea abies
as rootstocks, *Pseudotsuga* 1214
drought, injuries 2677
nurseries, cultural methods 470
pollution, acids 7475
Picea breweriana, rootstock scion relationships, compatibility 1214
Picea glauca, cuttings, storage 6290
Picea omorika, rootstock scion relationships, compatibility 1214
Picea pungens, pollution, tolerances 475
Picrasma quassioides, plant, composition, alkaloids 1988, 2800, 6419, 8175
Picrorhiza kurroa, plant, composition, glycosides 1351
Pieris
cultivars, pot plants 2674
planting stock, production, techniques 6319
Pieris brassicae
cabbages 5218
cauliflowers 5218, 6924
Pieris formosa, planting stock, production, techniques 6319
Pieris formosa* × *Pieris japonica, planting stock, production, techniques 6319
Pieris japonica
cultivars, assessment, UK 9110
planting stock, production, techniques 6319
Pieris rapae
cabbages 978, 9653, 9663
cauliflowers 9653
Pigments (*see also* Chlorophyll)
biochemistry, *Palisota barteri* 7956
biosynthesis, *Phaseolus vulgaris* 9715
characterization
Alkanna tuberculata 4492
beetroots 223
Labiatae 9791
Liliaceae 9791
Macrotomia cephalotes 4492
Opuntia ficus-indica 223
Phytolacca bogotensis 223
Portulaca grandiflora 223
Rhipsalis warmingiana 223
Schlumbergera truncata 223
composition
carnivorous plants 1787
carrots 2554
Citrus 4668
Cycadaceae 1877
Digitalis lanata 9999
Psorospermum febrifugum 10026
determination
Isatis indigotica 6330
Pigments *cont.*
determination *cont.*
sour oranges 6668
spinach 6668
extraction, *Crocus sativus* 6232
metabolism
cultivars, grapes 1639
growth regulators, *Lithospermum erythrorhizon* 4493
light
Amaranthus caudatus 2594
grapes 5145
Ligustrum ovalifolium 494
temperature, grapes 5145
tissue culture, oranges 7352
water relations, grapes 5145
production, plant residues, tea 2100
Pilea cadierei, leaves, morphology 9047
Pilea involucrata, cultural methods, pot plants 2644
Pilularia globulifera, tissue culture, culture media 7165
Pimenta dioica, plant, composition 1283
Pimpinella achilleifolia, plant, composition, essential oils 4514
Pimpinella anisum
cultural methods 1915
plant, composition, essential oils 3626, 8123
seeds, composition 1901
Pimpinella diversifolia, plant, composition, essential oils 2742
Pimpinella major, plant, composition, coumarins 2759
Pimpinella nigra, plant, composition, coumarins 2759
Pimpinella saxifraga, plant, composition, coumarins 2759
Pineapples
cold, injuries 8370
cultivars
characteristics, Venezuela 6552
temperature 9285
cultural methods, Brazil 2945
cuttings, development, size 9283
diseases
Ceratocystis paradoxa 10179
control
Brazil 34
reviews 4770
Phytophthora 6658
flowers
initiation
cultural methods 4771
growth regulators 1500-1501, 6553
fruits
biochemistry, growth regulators 2947
development, growth regulators 2946
quality, seasons 10182
size, growth regulators 2947
growth regulators
ethephon, responses 1500-1501, 2946-2947
NAA, responses 1500, 2946
harvesting, harvesting date, assessment 4772
intercropping
Capsicum 10179-10180
groundnuts 10179-10180
maize 10179-10180
okras 10179-10180
tomatoes 10179-10180
irrigation
responses 1499, 8414
systems 5766
nutrients
requirements
analysis 3823, 7415
assessment 7414
nutrition
conferences 8489
magnesium 10179
nitrogen 6554
phosphorus 2090, 6554, 9284, 10179
potassium 6554
trace elements 3823

Pineapples *cont.*
pests
control, reviews 4770
Hanseniella 7417
Pheidole megacephala 2948
Pratylenchus brachyurus 10179-10180
photoperiodism 7416
photosynthesis, CAM pathway 7416, 7491
plant
composition 9134
cytotoxic compounds 3824
growth regulators 9865
heavy metals 3920
development, phenology 2945
plant residues, utilization, energy sources 2949
planting
seasons 4771, 5757
spacing 2947, 6553
planting stock
production, techniques 4771
size 4769, 6553
types, assessment 2947
processing, residues 2949
production, Brazil 6624
protected cultivation
growing media 7414
nutrition 7414
reports
Brazil 743
India 3022
South Africa 3024, 9318
research
Spain 6513
Sri Lanka 2896
storage, systems, cold storage 5735
suckers, production, growth regulators 2947
temperature, responses, biochemistry 9285
water relations, measurement 10181
weed control 3822, 8413
yields
correlation 1500
pests 7417
Pinellia ternata, nutrition 597
Pinguicula ionantha, leaves, physiology 1787
Pinus
cultural methods, pot plants 8100
plant
composition
essential oils 3627
terpenoids 507
water relations, physiology 5513
Pinus ayacahuite, landscaping, urban sites 4432
Pinus coulteri, landscaping, urban sites 4432
Pinus densiflora, plant, composition, nucleic acids 9072
Pinus koraiensis, drought, injuries 2677
Pinus mugo
cuttings, treatment 3571
seedlings, production, cultural methods 7182
tissue culture, propagation, micropropagation 7189
Pinus muricata, landscaping, urban sites 4432
Pinus nigra, seedlings, production, cultural methods 7182
Pinus parviflora, drought, injuries 2677
Pinus sibirica, drought, injuries 2677
Pinus strobus
cuttings, sources, etiolation 8058
herbicides, injuries 7191
Pinus sylvestris
cuttings, treatment 3571
pollution, tolerances 475
Pinus tabuliformis, plant, composition 3658
Pinus thunbergii, plant, composition, nucleic acids 9072
Pinus virginiana, mycorrhizas 9071
Piper, reports, South Africa 9318
Piper aduncum, fruits, composition 7295
Piper amalago, plant, composition, amides 2801, 8273
Piper auritum, plant, composition 4536
Piper betle
conferences 1529
cultivars
assessment, India 2821
biochemistry 2827, 5563
characteristics, India 2033-2034
diseases 4579, 5563
cultural methods, India 2819, 2823
diseases
Alternaria alternata 2755
Colletotrichum 2031, 2817
Colletoirichum capsici 2755
Glomerella cingulata 4579
Phytophthora nicotianae var. *parasitica* 2029-2031, 2817
Sclerotium 2817
Sclerotium rolfsii 2755
Xanthomonas campestris pv. *betlicola* 2032
nutrition 2029
nitrogen 2817
pests, *Meloidogyne incognita* 613, 1352, 9214-9216
plant
composition 1277, 5563
essential oils 2826, 3655
planting, spacing 2818
production, India 2820
staking, economics 2822
storage
physiology 2825
systems 2824
Piper cubeba, plant, composition, lignans 3617
Piper futokadsura, landscaping, USA 8098
Piper hispidum, fruits, composition 7295
Piper longum
plant
composition 9962
alkaloids 8274
amides 1353
Piper methysticum, intercropping, coconuts 4727
Piper nigrum
cultivars
identification 9123
physiology 8124
diseases
Colletotrichum 4485
Diplodia 4485
Fusarium 4485
Phytophthora palmivora var. *piperi* 4485
flowers, development, histology 3619
fruits
composition 1916
histology 3613
intercropping, coconuts 4727, 10133
pests, *Longitarsus nigripennis* 6328
plant
composition 2068, 5533, 5557
essential oils 9938
reports, Sarawak 6619
seeds, composition 3618
shade, responses 3620
tissue culture, propagation, techniques 4486
Piper peepuloides, plant, composition, terpenoids 9190
Piperia elegans, seedlings, production, cultural methods 1839
Piperia maritima, seedlings, production, cultural methods 1839
Pisolithus tinctorius, mycorrhizas, *Pinus virginiana* 9071
Pisonia discolor, cultural methods, containers 5483
Pistachios
budding, techniques 1619, 5064
cultural methods
France 4035
Italy 860
cuttings
rooting
biochemistry 2258
physiology 2258
sources, juvenility 2258
diseases, *Verticillium dahliae* 4037
grafting, techniques, assessment 5064
Pistachios *cont.*
irrigation, requirements, determination 5065
nutrition 4036
potassium 4037
nuts, quality, cultural methods 4039
pests, birds 7577
photosynthesis
salinity 9518
water relations 9518
plant
composition, lipids 5822
development, apical dominance 4038
pollen, germination, physiology 861
pollination, cultural methods 1619
production, Italy 860
pruning, systems, assessment 4039
reports
Australia 6609
Cyprus 9316
Israel 7459
Syria 16
rootstocks, propagation, tissue culture 2259
tissue culture
propagation
micropropagation, reviews 6680
techniques 2259
water relations, sex 6760
yields, pests 7577
Pistacia (*see also* Pistachios)
Pistacia atlantica, as rootstocks, pistachios 5064
Pistacia lentiscus, climate, requirements 9322
Pisum (*see also* Peas)
Pitcairnia integrifolia, water relations, physiology 8022
Pittosporum
landscaping, New Zealand 7180
planting stock, production, containers 9064
trichomes 6181
Pittosporum crassifolium, trichomes 6181
Pittosporum tobira
leaves, spectral data 7495
products, fuels 4610
Pittosporum undulatum, plant residues, utilization, growing media 7414
Pitymys savii, *Citrus* 5699
Planococcus citri
grapefruits 2053
pot plants 3474
Planococcus ficus, grapes 921
Planococcus vitis, grapes 9585
Planotortrix excessana
Actinidia chinensis 7586
persimmons 8364
Vaccinium corymbosum 7625
Plant
biochemistry
cultivars, grapes 1639
diurnal variation, *Hypericum perforatum* 2791
environment
apples 2195
Hypericum perforatum 2791
seasonal variation, *Mentha rotundifolia* 1264
temperature
bananas 6521
grapes 922
development
apical dominance
okras 7830
Pharbitis nil 1773, 1775
pistachios 4038
radishes 6930, 9669
assessment
apples 6631, 7530
Artemisia balchanorum 4497
beetroots 945
Cucurbita moschata 272
Ferocactus acanthodes 7173
lawns and turf 8003-8004
lettuces 2385
peaches 103, 5022
Platycodon grandiflorus 5421
roses 7199
Strelitzia reginae 4370

Plant *cont.*
development *cont.*
assessment *cont.*
tomatoes 7869
tropical fruits 7379
carbon dioxide
Agave vilmoriniana 5466
cucumbers 270
cultural methods, sugarcane 6570
environment
Agave lechuguilla 5552
Opuntia echios 1832
sugarcane 6570
ethylene, books 9
growth regulators
Gladiolus 5438
ornamental plants 3501
histology, radishes 9669
humidity, greenhouse crops 9790
juvenility, *Tillandsia deppeana* 9864
light
Actinidia chinensis 2322
grapes 2322
greenhouse crops 1543
hops 9957
Psophocarpus tetragonolobus 2492
Tillandsia usneoides 5461
tomatoes 9758
mathematical models
chrysanthemums 5392
grapes 5147-5148
Pelargonium hortorum 5401
measurement
Pharbitis nil 4356
spinach 7466
phenology
apples 4894, 4909
Forsythia viridissima 9089
fruit crops 2899, 6670
grapes 5148
Hippophae 2304
Hydrangea macrophylla 9089
Liquidambar styraciflua 9089
olives 10105
ornamental plants 7093
pears 8603
pineapples 2945
Pueraria hirsuta 9089
raspberries 4059
Simmondsia chinensis 10042
strawberries 8679
tomatoes 6102
woody plants 7093
physiology
books 3006
mangoes, reviews 10164
Phaseolus vulgaris 4220
soil, satsumas 5685
stresses
horticultural crops 3896
Phaseolus vulgaris 298
temperature
garlic 7696
sugarcane 9295
tomatoes 9758
Vaccinium macrocarpon 7631
ultraviolet radiation, sugarcane 2983
vascular system
apples 9447
Cordyline fruticosa 1828
water relations, grapes 187
growth, assessment, apples 7504
physiology, conferences 8450
quality, nutrition, lettuces 968
sex
determination, pawpaws 698
physiology, reviews 1552
thinning
responses
beetroots 945
oil palms 2930
strawberries 7644
techniques, rubber 5759
vascular system
Achyranthes aspera 6161
Amaranthus caudatus 6161
carrots 7883
cashews 4715

Plant *cont.*
vascular system *cont.*
dates 3763
Gerbera 7931
Gnetum africanum 5364
lettuces 5994
Liliaceae 9872
onions 5181
Pteris vittata 9048
Smilacina racemosa 5454
tomatoes 2538
Plant extracts
utilization
cheesemaking
figs 4006
globe artichokes 4006
Plant residues
utilization
casing, mushrooms 7888
energy sources
almonds 55
apples 95
Citrus 2048
fruit crops 46
grapes 95
Macadamia 5723
pineapples 2949
sugarcane 721
fertilizers
coffee 5744
vegetables 2343
fodder, Jerusalem artichokes 4157
growing media
Anthurium andreanum 5411
Chamelaucium uncinatum 9918
Coprinus comatus 1106
foliage plants 9875
fungi 1105
mushrooms 7888
ornamental plants 6653
pineapples 7414
tomatoes 358
vegetables 6653, 8915
woody plants 410
mulches
apples 3103, 9417
bananas 2071, 10121
oil palms 2938, 6547
ornamental plants 2678
peas 4252
satsumas 5682
sugarcane 6571
tomatoes 3426
reviews, cocoa 4726
soil amendments
cauliflowers 4175
cucumbers 9682
lettuces 9648
sugarcane 2982, 7428
Vigna unguiculata 1279
weed control, *Cymbopogon* 4502
Plantago, species, characteristics 4580
Plantago arenaria
cultural methods, Czechoslovakia 4580
plant, composition 6420
Plantago lanceolata
as cover crops, temperate fruits 9333
as weeds
grapes 5930
lawns and turf 2632
cultural methods, Czechoslovakia 4580
plant, composition, polysaccharides 1354
Plantago major
as weeds
carrots 5353
cucumbers 264
currants 137
grapes 5930
seeds
production
cleaning 7258
grading 7258
Plantago rugelii, as weeds, grapes 5930
Plantago virginica, as weeds, lawns and turf 2632
Plantain (*see* Bananas)
Planting
equipment, vegetables 201
mechanical methods
garlic 936, 5168

Planting *cont.*
mechanical methods *cont.*
grapes 163
small fruits 6777
systems
apples 4880, 4890, 5832, 5839, 5841, 5845, 9410
coffee 2915
cucumbers 6022
fruit crops, conferences 4811
pears 4890
strawberries 5910, 7639-7640, 7642, 8660, 8663-8665
tea 6583
tung 1442
Planting stock
defoliation
apples 5838, 6698
cherries 6698
pears 5838, 6698
woody plants 3572, 4434
overwintering
container grown plants 7471
woody plants 5481
packing, ornamental plants 7944
production
containers 5810
Actinidia chinensis 7207, 9530
bananas 7170
cashews 4703
Chamaecyparis lawsoniana 9062
Chamaecyparis nootkatensis 9070
chicory 9641
citranges 7170
Citrus 633, 1403
Citrus meyeri 10065
coffee 10138
Dracaena marginata 7170
grapefruits 4635
grapes 8695
Hibiscus rosa-sinensis 7213
Ixora coccinea 7170
Magnolia grandiflora 3579
Microbiota decussata 9070
oil palms 6547-6548, 7412
oranges 4634
ornamental plants 7094, 7207, 9064
peaches 9488
Quercus robur 9114
radishes 1702
Raphia 5654-5655
Rhododendron 1867
Rubus deliciosus 1893
tea 6582
Thuja plicata 9062
woody plants 471-472, 1850-1851, 2676, 7183, 7471, 8060, 9063-9064, 9092
economics
Freesia 6236
garlic 2355
temperate fruits 3091
equipment
container grown plants 5373
ornamental plants 9788
protected cultivation
apples 4897
grapes 161
lettuces 7736
ornamental plants 35, 5372
Rhododendron 1223
Vaccinium corymbosum 7614
woody plants 2675
soilless culture
cucumbers 9678
Erica darleyensis 5489
storage, bedding plants 7943
techniques
Acer negundo 1879
Acer palmatum 3594
Actinidia kolomikta 8066
Aeschynanthus hildebrandii 2703
Alloplectus 7210
Annona reticulata 6514
Anthurium scherzerianum 8035
apples 791, 797, 1560, 2164, 2170, 2194, 3934, 3937,

Planting stock *cont.*
production *cont.*
techniques *cont.*
apples *cont.*
5842, 7515, 7517-7518, 7520, 8512, 9397, 9411
Artemisia dracunculus 1249
avocados 2830, 7313
bedding plants 7943
blackberries 9541
cabbages 9660
Camellia japonica 5487
Camellia oleifera 1852
Capsicum 6989
carobs 6459
cashews 4690-4693, 4696-4700, 4702
cauliflowers 9660
chestnuts 6746
chrysanthemums 2584
Citrus 4633, 6462, 6464
cocoa 1465, 7400, 9259
coconuts 3795
coffee 2914, 6534-6535, 10137, 10139
conifers 9894
Cucurbitaceae 5806
Cyclamen 1148
Cyclamen hederifolium 1804
Daphne 9919
Daphne odora 5806
Eugenia uvalha 6589
feijoas 7366
Freesia 6235-6236
Fuchsia 6312
garlic 2355, 8740
Garrya elliptica 6313
Gerbera 6207
Gerbera jamesonii 5806
grapes 159, 3230-3231, 5121
greenhouse crops 7014
Hippophae rhamnoides 8066
horticultural crops 3894, 4837, 8468
Hydrangea paniculata 8066
Ilex 4444
Juglans nigra 5894
Juniperus 7188
leeks 9616
Lilium 1156
Lilium longiflorum 7143, 9838
Litchi 4673
Macadamia 6503
Magnolia 3578, 9080
mangoes 2929, 10154
Mentha 8136
Metrosideros carminea 7204
mulberries 5875
Narcissus 2623, 5442-5443, 6246
nut crops 5807
oil palms 2089, 3818
olives 1436, 6505
onions 6869, 8749
oranges 1397
ornamental bulbs 7993, 9843
ornamental plants 1763, 7090, 9782
Paeonia lactiflora 1141
passion fruits 6508
pawpaws 1497
peaches 4016, 5877, 8580
pears 1560, 5889
pecans 1616
Pelargonium 7938
Pieris 6319
pineapples 4771
plums 5893
Populus 6283
Pouteria sapota 7446
Pyracantha coccinea 6322
Quercus 5807, 8113, 9113
Ranunculus 4407
red currants 4057
reviews 5809
Rhododendron 2693-2694, 6300, 7196, 8074
Rhododendron catawbiense 1866
roses 2701, 5500-5501, 8082
rubber 2091, 7418
Salix 6283

Planting stock *cont.*
production *cont.*
techniques *cont.*
Sequoia sempervirens 6289
Spathiphyllum 8035
stone fruits 4987, 8582
strawberries 888, 2289, 4077, 5091-5093, 6803, 8654, 9557
subtropical fruits 5807
sugarcane 6567
Syringa 1218
Taxus cuspidata 7190
tea 2991
temperate fruits 796, 5807, 7511
tomatoes 6123
tung 2895
Vaccinium corymbosum 8643
Vitis californica 7664
walnuts 3184, 4048
woody plants 470, 474, 3572, 3591, 5480, 6284-6286, 7182, 8058, 8069, 9091
books 2106
tissue culture
Actinidia chinensis 5897
Amelanchier laevis 1232
Anthurium andreanum 7945
apples 76, 4899, 9407
Asparagus 3388
avocados 2832
Bactris gasipaes 6587
bananas 1450, 2901, 6517, 7389, 9257
Betula platyphylla 9099
blackberries 6788
Boehmeria nivea 6340
Byblis liniflora 7126
Camellia 6288, 7186
carnations 5383, 7098-7099
cherries 2231, 9478
chrysanthemums 6196
Citrus 6465, 7322, 9223, 10061
cocoa 3789
coffee 678
Cordyline fruticosa 1191, 2656
Costus speciosus 1955
Datura metel 9998
Drosera 7126
Drosera regia 7947
Erica darleyensis 5489
Euonymus fortunei 1241
figs 6747
Gardenia jasminoides 8105
garlic 3267
Gerbera 7113
gooseberries 2278
grapes 162, 908, 1640, 4100, 5123, 7666-7667, 9583
Heuchera sanguinea 9813
Hydrangea macrophylla 9895
Lagerstroemia indica 9924
Lagerstroemia speciosa 6314, 7215
Liquidambar styraciflua 1889, 7218
Muscari armeniacum 7156
Nerine bowdenii 9854
oil palms 4753
olives 908
oranges 6466
ornamental bulbs 7972
ornamental plants 5372, 7092
reviews 3466
Paulownia tomentosa 1246
peaches 7570
persimmons 5729
Phlox drummondii 5420
Pinus mugo 7189
plums 4043
pomegranates 10112
Pyrus pyrifolia 4027
Quercus shumardii 9928
Ranunculus 4409
raspberries 2282
Rosa chinensis 1229
roses 2700, 5502
Ruscus hypophyllum 1993
Saintpaulia 9782
stone fruits 2230, 6465

Planting stock *cont.*
production *cont.*
tissue culture *cont.*
strawberries 889, 5090, 7638, 8658-8659
sugarcane 4784
Syringa 2688
tea 2992
Telopea speciosissima 7223
tulips 9022
Vaccinium corymbosum 8642-8643
Verticordia 7226
walnuts 3185, 8625
watercress 6931
woody plants 1824, 4433
Zingiber officinale 8125
pruning, *Ligustrum sinense* 7217
quality, assessment, apples 7519
selection, apples 3084
size
bananas 7390
black currants 7592
Capsicum 6089
garlic 3268
Gloriosa rothschildiana 7997
Kaempferia galanga 7287
lettuces 2383
Narcissus 3527
pineapples 4769, 4771, 6553
Polianthes tuberosa 3542
roses 5507
shallots 3294
strawberries 5093, 6805
storage
carrots 401
grapes 3231
Hibiscus rosa-sinensis 8108
onions 6876
ornamental plants 7944
pears 852
poinsettias 8071
strawberries 6806
treatment
growth regulators
apples 4927
tomatoes 5321
woody plants 3592
hydrophilic polymers, tomatoes 9743
types
assessment
cashews 4713
pineapples 2947
strawberries 6807
sugarcane 4785, 7422

Plants
cold, resistance, physiology 3916
cultivars, nomenclature 6635
cytology 5805
flowers, composition 8492
growth regulators, ethylene, biosynthesis, reviews 7907
irrigation, responses 8482
nutrients
absorption, assessment 6629
requirements, analysis 6628
nutrition, responses 8482
photosynthesis
carbon dioxide 3915
light 3915
plant, development, cytology 2625
products, reviews 9932
quality, protected cultivation, lettuces 6904
roots, cytology 4238
tissue culture
cytology 4832
propagation
equipment 9330
micropropagation 3030
protoplasts 3893, 3895
storage 768, 4838
techniques 3029
water relations, measurement 3910, 7468

Plasmodiophora brassicae
Brassica 6002
Brassica chinensis 4174
broccoli 975-977
cabbages 974-975

Plasmodiophora brassicae cont.
Chinese cabbages 5971, 9662
radishes 975
swedes 5204
Plasmopara viticola, grapes 156, 4096, 5120, 5935, 6661, 7658
Plastic fabric
utilization
mulches, grapes 8701
protected cultivation, vegetables 8724
Plastic film
characteristics 6641
utilization
control, diseases, greenhouse crops 208
greenhouses 1542
mulches
apples 3943, 7526
aubergines 6190
bananas 2071, 10121
black currants 9537
Capsicum 5313
carnations 6190
carrots 4334
Chinese cabbages 1698-1699
chrysanthemums 3488
coffee 9268
cucumbers 4192, 8829
garlic 5174
grapes 2309, 8701, 9575
greenhouse crops 6638
horticultural crops 4842, 6641, 8490
lawns and turf 4410
leeks 8742
lettuces 6899
melons 4190, 8830
oil palms 6547
okras 2501
Phaseolus vulgaris 5266
Physalis peruviana 8688
radishes 5221
satsumas 5682
stone fruits 5882
strawberries 148, 5827, 6807, 8670-8671
tangelos 2050
tomatoes 1073, 3427, 5321, 7015, 8920
vegetables 1655, 5827, 5959, 5971, 8726, 9606
Vicia faba 6967
watermelons 5244
woody plants 6283, 9091
Zingiber officinale 9943
packing
apples 824
bananas 2902
Brassica 2398
Citrus 4665
cut flowers 6184
grapefruits 4666
lettuces 245, 2387
oranges 1429
tomatoes 1744
protected cultivation 759, 3041, 3046, 3050, 3055-3056, 4845, 7489
apples 5841
Asparagus 4285
broccoli 8800
Capsicum 6989
carrots 2547, 7064, 7877, 8951
chicory 9639
Chinese cabbages 970
Citrus meyeri 10067
endives 957, 7731
grapes 5127
greenhouse crops 6652
horticultural crops 6641
Iris 9836
leeks 8743, 8745
lemons 5672, 10069
lettuces 8788
mandarins 5673
melons 8823
nectarines 5001
onions 3287
radishes 5221
strawberries 5827, 5911, 5958
Plastic film *cont.*
utilization *cont.*
protected cultivation *cont.*
tea 2098
vegetables 1536, 3054, 5164, 5827, 5958, 8722, 8724
shading, *Panax quinquefolius* 6417
storage
apples 7551
Asparagus 1048-1049
carrots 6157
Citrus 4665
cucumbers 2409, 2445
grapefruits 4666
lemons 1423-1425, 4664
melons 280
satsumas 2060
Plastic foams
utilization
frost protection, oranges 2044
growing media
Bouvardia 2708
Cissus antarctica 9034
Cornus florida 1884
cucumbers 9678
Philodendron scandens 9034
pot plants 9037
Pyracantha coccinea 6322
stone fruits 4987
overwintering, container grown plants 7471
Plastic nets
utilization
propagation, ornamental bulbs 4375
shading, plants 7478
Plastics
toxicity
plants 6639
vegetables 6640
Platanthera hyperborea, seedlings, production, cultural methods 1839
Platanthera saccata, seedlings, production, cultural methods 1839
Platanus
cuttings, cultural methods 469
pests, *Synanthedon resplendens* 9097
roots, development, wounds 1212
Platanus acerifolia *(see Platanus hispanica)*
Platanus hispanica
landscaping, roadsides 9107
plant, composition, flavonoids 6320
planting stock, production, containers 1850, 2676
Platanus orientalis, plant, composition 9962
Platycodon grandiflorus
cut flowers, production, protected cultivation 3512, 9820
nutrition 5423
plant, development, assessment 5421
planting, spacing 5422
roots, development, assessment 5421-5422
seeds
development, embryology 3073
sowing, sowing date 5422
treatment 5421
soil types 5423
Platynota idaeusalis, apples 3108, 3955
Plectorrhiza tridentata, photosynthesis, CAM pathway 9059
Plectranthus barbatus, plant, composition, terpenoids 9821
Plectranthus fruticosus, geotropism 9000
Plectranthus parviflorus
cuttings 7090
rooting, growth regulators 1792
Plectranthus ternifolia, plant, composition, terpenoids 1989
Pleospora betae, beetroots 2369
Pleospora herbarum
greenhouse crops 208
onions 7709
Pleurotus
cultural methods, Belgium 6170
diseases, surveys, Belgium 6170
production, Hungary 1753
Pleurotus eryngii
composition 409
diseases, *Pseudomonas tolaasii* 3464
Pleurotus flabellatus, growing media, composition 7082
Pleurotus ostreatus
composition 409, 1104
cultural methods 8965
Hungary 1760
diseases, *Pseudomonas tolaasii* 3464
growing media, composition 1105
Pleurotus sajor-caju
composition 2566
mycelium, growth 1761
Plicosepalus acaciae, plant, composition 4535
Plocaederus ferrugineus, cashews 4711
Plum pox virus, plums 4041, 9519-9520, 9522
Plumbago auriculata, leaves, composition 8974
Plumbago scandens, plant, composition 4581
Plumbago zeylanica
plant, composition 5570
pollen, ultrastructure 8112
pollination, physiology 495
Plumeria rubra
diseases, *Coleosporium domingense* 6321
nectaries 4469
Plums
anaerobiosis 2263
antibiotics, injuries 4045
as rootstocks
apricots 1596, 2224, 3131, 5068
peaches 1596, 4015, 6749
Prunus triloba 1850
stone fruits 9378
cultivars
assessment 125
Belgium 6761
German Democratic Republic 8568
German Federal Republic 8614, 9522
India 4042
Romania 862
Switzerland 5892
USSR 3922, 7578, 8613
Yugoslavia 2260
biochemistry 124
characteristics 127
Belgium 6764
Brazil 3142, 3182
German Federal Republic 8615
Italy 776, 4876
USA 8616
USSR 3993, 5067
diseases 3999, 4041, 4878, 6681, 9519-9520, 9522
dormancy 126
flowering 6766
gamma radiation 4040
grading 866
habit 6762
mechanical harvesting 5066
pollination 8621, 9521
processing 3182, 4042, 6763
propagation 863-864, 4043, 5893
rootstocks 7581
selection 4040
spacing 5893
temperature 5891
winter hardiness 126
cultural methods, Belgium 123, 6761
cuttings 863-864
cultural methods 9523
rooting, temperature 2150
treatment, growth regulators 2150
types
summer cuttings 8498
winter cuttings 7579
diseases
chlorotic leaf roll 4045
control 763
Molières decline 3999
mycoplasmas 3999
plum pox virus 4041, 9519-9520
Rosellinia necatrix 3925
tomato ringspot virus 7580
Tranzschelia discolor f.sp. *domesticae* 8620
viruses 6681

Plums *cont.*
dormancy
cultivars 126
cyanamide 9595
physiology 811
drought, resistance, rootstocks 9378
economics
Czechoslovakia 3921
Italy 3181
flowers
development
cultivars 6766
growth regulators 9525
nutrition 4044
initiation, cultivars 6766
frost
injuries 869, 9380
resistance
cultivars 125, 5891, 7499
interstocks 1559
rootstock scion relationships 1559
fruits
composition 4884, 5075, 6767
development
histology 9386
water relations 7582
quality, cultivars 5067
set, growth regulators 6758, 9459, 9526
size, assessment 7545
thinning, growth regulators 2264
grading, techniques 866
growth regulators
ethephon, responses 2264, 9525
GA, responses 6758, 9525-9526
naphthoxyacetic acid, responses 6758
handling, techniques 6674
harvesting, techniques, mechanical harvesting 5066, 8568
herbicides, tolerances 473
high density planting, cultural methods 5893
interstocks 1559, 6765, 9378
irrigation
responses 2262
systems 2262
mulching 2262
nutrients, absorption, soil management 9382
nutrition
boron 865, 8618
calcium 3183
iron 9524
magnesium 3183
nitrogen 1620, 2263, 4044, 8617
phosphorus 1620
potassium 1620, 2263
sulphur 3183
zinc 8618
pests
Cydia molesta 3926
Quadraspidiotus perniciosus 5069
plant
composition
calcium 8619
magnesium 8619
manganese 8619
potassium 8619
zinc 8619
habit, cultivars 6762
planting, spacing 3078, 8568
planting stock
production
economics 3091
tissue culture 4043
pollen
germination, growth regulators 9459
tubes, development 9459
pollination, compatibility 8621, 9521
processing, cultivars 3182, 4042, 6763
production, slopes 2152
pruning, systems, assessment 8568, 9418
reports
Australia 6607
Netherlands 6616
Switzerland 15
UK 4825
USA 6623

Plums *cont.*
rootstock scion relationships
diseases 7580
growth 5892, 6765
temperature 1559
yields 5892, 6765
rootstocks
assessment 7581
Switzerland 5892
characteristics
German Federal Republic 128
USA 8583
physiology 9378
propagation, cuttings 5068, 5892, 7579, 8582
shoots, development, histology 1602
soil management, systems 2262, 9382
soil types 2153
storage 7583
suckers, control, herbicides 49
tissue culture
propagation, techniques 1596, 4043
storage 2230
training, systems 3078, 3080, 6765
water relations
cultural methods 2156
physiology 2261
weed control 6683
winter hardiness
cultivars 126
physiology 126
Plums × peaches
as rootstocks, stone fruits 9378
cuttings, cultural methods 9523
Plutella xylostella
cauliflowers 980, 6924
Chinese cabbages 3323
Poa
herbicides, tolerances 449
plant
composition
growth regulators 1170
phenolic compounds 1170
seeds
composition 1170
treatment 5457
utilization, erosion control 467
Poa annua
as weeds
cabbages 8805
carrots 7879
chicory 7730
container grown plants 472
cucumbers 264
lawns and turf 2632, 8011
leeks 7701
raspberries 6791
small fruits 3077
temperate fruits 3077
woody plants 470
competition, lawns and turf 7159
establishment, sports grounds 4411
growth regulators, ethephon, responses 453
pests, *Tipula paludosa* 8016
regeneration, oversowing 8005
weed control 8010
Poa compressa, establishment, slopes 5455
Poa huecu, plant, composition 5576
Poa pratensis
as ground cover plants, apples 8519
cultivars
characteristics, Denmark 8008
growth regulators 5456
identification 1816
nutrition 454
water relations 9031
drought, resistance, physiology 9860
establishment, sports grounds 4411
growing media, composition 3550
growth regulators
amidochlor, responses 6257
BA, responses 9858
ethephon, responses 453
flurprimidol, responses 9858
KUH 833, responses 9858
mefluidide, responses 1180, 1819, 6257
MON 4621, responses 1819
MON 4623, responses 1819
paclobutrazol, responses 6257, 9858

Poa pratensis *cont.*
growth regulators *cont.*
pentefenzol, responses 9858
zeatin, responses 9858
growth retardation, growth regulators 1179, 1819, 3549, 9028
herbicides
injuries 7161-7162, 7164
tolerances 451, 7164
irrigation
requirements, determination 9027
responses 1820-1821
nutrition, nitrogen 454, 1182
plant, development, assessment 8004
pollution, tolerances 475
regeneration, oversowing 8005
seeds
development, growth regulators 1819
treatment 5456-5457
soil compaction, responses 1820-1821
thatch, development 6258
weed control 451, 1171-1172, 5458, 7161-7164
Poa supina, competition, lawns and turf 7159
Podagrica, okras 7830
Podagrica uniformis, okras 6983
Podophyllum hexandrum, plant, composition, lignans 10022-10023
Podophyllum peltatum
plant
composition 1927
lignans 10022
development, phenology 5623
Podophyllum pleianthum, plant, composition, lignans 598
Podosphaera leucotricha
apples 2182, 2186, 3088, 4878, 4931, 4933, 5833, 6710, 7514, 8532, 9392, 9440-9441
Malus 5527
Podosphaera tridactyla, apricots 831
Poinsettias
cultivars
assessment, German Federal Republic 7135
characteristics, USA 1220
light 7193
pollution 9082
temperature 7194
transport 7194
cultural methods, pot plants 482, 1220-1222, 1862-1863, 3580, 4445, 5494, 6177-6178, 6202, 6262, 7135, 7184, 7193-7194, 8070, 8072, 9081, 9897
cuttings, storage 8071
diseases
Alternaria euphorbiae 9898
Phytophthora drechsleri 482
Phytophthora nicotianae var. *parasitica* 482
Xanthomonas campestris pv. *poinsettiicola* 2690
disorders, bract necrosis 6298
dwarfing, stresses 3896
growth regulators
chlormequat, responses 5494
daminozide, responses 5494
paclobutrazol, responses 3473, 7894
nutrition 1862
nitrogen 9897
plant
composition, latex 9899
development, humidity 9790
pollution, sulphur dioxide 9082
protected cultivation
energy conservation 1863
humidity 9010
light 7899
systems, greenhouses 8478
reports
Canada 9313
USA 6623
roots, development, assessment 4446
Poisonous plants
books 5793
surveys, Peru 9142
Poland
apples, cultivars 3929

Poland *cont.*
Asparagus, cultivars 4283, 6080
black currants, cultivars 2272
blackberries, cultivars 2280
cherries, cultivars 3989
ground cover plants, cultural methods 7891
melons, cultivars 6014
Mentha piperita, cultural methods 4509
raspberries, cultivars 2281
strawberries, cultivars 9556
Polianthes tuberosa
cultivars, chromosomes 1168
planting, depth 3542
planting stock, size 3542
Pollen
composition
Araceae 2570
hazelnuts 3139
development
biochemistry
Datura fastuosa 1959
Petunia 7119
Petunia parodii 425, 1785
cultivars
almonds 6686
grapes 9597
cytology
Canna 5448
Helleborus foetidus 7950
Lilium henryi 7145
Malaxis cylindrostachya 9060
Petunia 7119
growth regulators, *Cyclamen* 6234
ultrastructure, *Convallaria majalis* 9851
germination
amines
Antirrhinum 415
Forsythia suspensa 415
Prunus davidiana 415
Prunus triloba 415
Robinia pseudoacacia 415
Salix babylonica 415
Syringa oblata 415
walnuts 415
biochemistry
Lilium longiflorum 9841-9842
Nicotiana alata 7955
boron
Atropa belladonna 563
Litchi 2064
cultivars
almonds 57, 6686
apples 57
Capsicum 7839
cytology, apples 8540
fungicides
apples 9463
okras 3394
peaches 3160
growth regulators
Amaryllis vittata 7996
apples 8539-8540
plums 9459
inhibitors, peaches 8598
insecticides, okras 3394
lead, *Cassia* 9158
pH, hazelnuts 2242
physiology
pecans 3180
pistachios 861
Rhododendron 2693
Simmondsia chinensis 609
seasonal variation, *Capsicum* 7839
sugars
Camellia japonica 1853
hazelnuts 2242
sulphur dioxide, *Petunia* 1128
temperature
hazelnuts 2242
tomatoes 9763
tests, tomatoes 4330
storage
dates 3766
grapes 192
peaches 3161
pistachios 861
Rhododendron 2693
Simmondsia chinensis 609

Pollen *cont.*
storage *cont.*
tea 5775
walnuts 5896
treatment, gamma radiation, tea 3853
tubes
composition
Antirrhinum 7912
Lilium longiflorum 2622
development
almonds 56
apples 9459
Camellia japonica 1853
Capsicum 1726
Cassia 9158
cherries 1603
Citrus 637
Lilium longiflorum 9842
Litchi 2064
nectarines 6754
Nicotiana alata 426
okras 3394
peaches 6754
pears 9459, 9508
Petunia 426
plums 9459, 9526
tomatoes 9763
Tradescantia paludosa 463
ultrastructure
Caprifoliaceae 1896
Collomia grandiflora 9244
dates 9244
Gasteria 2660
Lilium longiflorum 1159
ornamental bulbs 8466
Plumbago zeylanica 8112
viability
cultivars
apples 8538
Ziziphus mauritiana 7444
environment, apples 8538
tests, *Antirrhinum* 5803
Pollination
biochemistry
Petunia 1786, 7940
Pyrus pyrifolia 9507
compatibility
almonds 56
apples 8540, 9458
Capsicum 9731
cherries 2237, 6740, 8621
Citrus 10086
Erythronium 3540
hazelnuts 5872
Lilium longiflorum 2622
mandarins 9221
Meconopsis 7131
olives 8355
peaches 8576
pears 855
Petunia 424, 3497-3499, 4361
Pharbitis purpurea 5396
plums 8621, 9521
Pyrus pyrifolia 8604, 9507
quinces 8622
Rhododendron 2692-2693, 5499
tea 10224
Trillium tschonoskii 7158
cultivars
almonds 6686
apples 89, 814, 4939, 4941, 8506, 8538, 8540
apricots 4956
avocados 6458
cherries 2227, 6740
gooseberries 4058
lemons 4656
mandarins 4655
mangoes 3815
peaches 848, 8576
pears 855, 2253, 5047, 5887
quinces 8622
cultural methods
pistachios 1619
rubber 8417
environment
apples 8538
Crescentia cujete 6309
equipment, dates 3765
ethylene, ornamental bulbs 7986

Pollination *cont.*
genetics
Pelargonium 2591
Petunia 3498-3499
mutants, *Pelargonium* 2591
physiology
Antirrhinum 7912
apples 5863
Capsicum 1726
cherries 2237
Couroupita guianensis 8102
jackfruits 2900
Petunia 5404
Plumbago zeylanica 495
sapodillas 6564
tomatoes 5349, 9763
Vicia faba 6970
pollinators
Apis mellifera, cherries 1604
Apoidea
Actinidia chinensis 7589
apples 3963-3964, 4939-4940, 9463
cherries 3136
chicory 3310
Cucurbita pepo 6033
grapefruits 4654
pears 4940
Solanaceae 5319
Vaccinium myrtillus 4072
birds, *Erica* 4443
Chalcidoidea, figs 5873
Elaeidobius kamerunicus, oil palms 696, 2939, 2942-2943, 8407, 9279
Elaeidobius subvittatus, oil palms 5754, 8407
Eristalis, apples 3963
Forcipomyia, cocoa 6530
Formicomus braminus, *Myristica fragrans* 6327
insects
Bactris 1522
Cinnamomum 7229
Diuris maculata 8054
Erica 4443
essential oil plants 1258
Primula laurentiana 7121
Vaccinium 1522
Lichmera indistincta, *Banksia prionotes* 8101
Metasyrphus americanus, apples 3963
moths, *Mirabilis jalapa* 6225
Mystrops costaricensis, oil palms 5754, 8407
Phylidonyris novaehollandiae, *Banksia prionotes* 8101
pollution, cocoa 9264
rain, cherries 3136
research
apples 1583
Cinnamomum 7229
Cypripedium acaule 3568
dates 3766
Gastrodia elata 3569
leeks 5176
passion fruits 7373
Phragmipedium 7176
Primula laurentiana 7121
Primula vulgaris 5405
temperate fruits 9457
tomatoes 4330
reviews, pome fruits, books 5790
techniques
apples 9458
Crescentia cujete 6309
Meconopsis 7131
Rosa 1875
temperature
cherries 1603, 3136
pears 856
wind, *Erica* 4443
Pollution
acids
Acer rubrum 489
Betula alleghaniensis 3354
cabbages 6914
conifers 7475
grapes 166
lettuces 6898

Pollution *cont.*
acids *cont.*
Phaseolus vulgaris 3354, 6960, 8853
radishes 4183, 8812
spinach 7475
Vicia faba 3368
woody plants 4431
aluminium, *Petunia* 4359
arsenic
cover crops 9333
radishes 9333
cadmium
cabbages 8948-8949
carrots 8948-8949
cucumbers 994
Petunia 4359
Phaseolus vulgaris 2451-2452
cobalt, tomatoes 1732
copper
cover crops 9333
Phaseolus vulgaris 2451-2452
radishes 9333
tomatoes 4313
dusts
greenhouses 7482
peas 6071
fluorine
grapes 166, 4105
ornamental plants 7150
Petunia 4359
Phaseolus vulgaris 5263
heavy metals
Brassica 3320
Brassica chinensis 2408
cabbages 7749
carrots 7749
celery 9771
coconuts 2908
leeks 3274
lettuces 959
Nerium oleander 9927
peas 3274
spinach 6882
watercress 2408
hydrogen fluoride
grapes 6823
woody plants 4435
industrial wastes, *Papaver somniferum* 8267
lead
Cassia 9158
cover crops 9333
lettuces 9648
Phaseolus vulgaris 2451-2452
radishes 9333
vegetables 6006, 8723
mercury, vegetables 7687
nickel, tomatoes 4313
nitrogen oxides
Cucurbita maxima 993
greenhouse crops 25
lettuces 1730
Phaseolus vulgaris 283, 7797
pot plants 2573, 6263-6264
tomatoes 1730
woody plants 4431
oxidants
lettuces 963
tomatoes 963
ozone
chrysanthemums 7927
Eucalyptus globulus 5823
grapes 166, 3232
Hedera helix 5823
lettuces 5989
Phaseolus vulgaris 283, 5275, 7797
radishes 8812
spinach 1667
tomatoes 4313, 5823, 9744
vegetables 7686
Vicia faba 6968
watermelons 3334
woody plants 4435
phthalates
plants 6639
vegetables 6640
polyvinyl chloride, vegetables 927
research, plants 3890
smoke, aubergines 8903
sulphur compounds, *Petunia* 4359

Pollution *cont.*
sulphur dioxide
grapes 166, 3232
peas 4456
Petunia 1128
Phaseolus vulgaris 1016, 5275, 8852
poinsettias 9082
Populus nigra 4456
radishes 7810
Tilia cordata 4456
tomatoes 7810
Vicia faba 7810
watermelons 3334
technetium, spinach 9332
tolerances
foliage plants 9873
lawns and turf 475
lettuces 963
tomatoes 963
woody plants 475
zinc, *Phaseolus vulgaris* 7798
Polyacetylenes
characterization, *Schefflera arboricola* 3563
reviews, Araliaceae 3069
Polyacrylamide
utilization
growing media
foliage plants 4423
tomatoes 9742
vegetables 9739
soil amendments, tomatoes 9741
soilless culture, tomatoes 9748
Polyalthia cerasoides, plant, composition 8275
Polyalthia suberosa, plant, composition 8275
Polyamines
absorption, *Saintpaulia* 5408
composition
hazelnuts 3139
peas 3381, 4263
determination, peas 5301
metabolism
biochemistry, vegetables 3917
nutrition, *Cucurbita pepo* 2441
photoperiodism, peas 5296
tissue culture
Datura fastuosa 1959
tomatoes 1743
responses
carnations 6193
Jerusalem artichokes 4156
Polyethylene glycol, toxicity, tomatoes 1079
Polygala chamaebuxus
plant
composition
glycosides 5624
sapogenins 5624
Polygala pruinosa, plant, composition, saponins 1990
Polygonatum, cultivars, assessment, German Federal Republic 9787
Polygonatum stenophyllum
plant
composition
glycosides 1355, 5625
steroids 6421
Polygonum aviculare
as weeds
carrots 5354
Phaseolus vulgaris 5265
Polygonum capitatum, landscaping, slopes 7085
Polygonum glabrum, shoots, morphology 10024
Polygonum hydropiper, plant, composition, coumarins 3705
Polygonum multiflorum, plant, composition, tannins 555
Polygonum nepalense
as weeds, carrots 5354
plant, composition, flavonoids 10025
Polygonum pensylvanicum, as weeds, container grown plants 472
Polygonum persicaria
as weeds
grapes 5930
raspberries 6791

Polymers, utilization, growing media, tomatoes 9740
Polyphagotarsonemus latus
Capsicum 4297
Citrus 5695
tomatoes 5323
Polyporus palustris, peaches 108
Polysaccharides
biosynthesis
Tropaeolum majus 5427
Vicia faba 9716
characterization
Eleutherococcus senticosus 1322, 10003
Grifola frondosa 2787
horticultural crops 3072
Malvaceae 8154
Plantago lanceolata 1354
Poria cocos 9781
sugarcane 7440
composition
Aloe arborescens 9977
Calophyllum inophyllum 9155
coconuts 4734
Dioscorea 10002
Eupatorium 3681
fungi 6169
Grifola frondosa 8963
Poria cocos 8966-8967
Psophocarpus tetragonolobus 7824
Syzygium cumini 4792
Tetragonia tetragonioides 2007
tomatoes 6146
extraction, *Cordyline* 1236
metabolism
cobalt, *Plantago arenaria* 6420
growth regulators, aubergines 8905
light, aubergines 8905
ripening, nectarines 5024
rootstock scion relationships, *Citrus* 2843
storage, nectarines 5024
temperature, apples 9450
wounds, sugarcane 10210
utilization
growing media
tomatoes 9740, 9742
vegetables 9739
soilless culture, tomatoes 9748
Polyscias guilfoylei, plant, composition 550
Polystichum
cut foliage, vase life 1123
spores, germination, storage 8026
Polyvinyl chloride, toxicity, vegetables 927
Pome fruits
cultivars, lists 2149
cultural methods
books 6591
mechanization 7498
economics, Czechoslovakia 7498
irrigation, fertilizers, application 7464
reports
Argentina 741
Australia 6608
Israel 7459
Pomegranates
cultivars
characteristics, India 1440
organoleptic properties 7374
disorders
chilling injury 9255
scald 9255
fruits, biochemistry, cultivars 1441
irrigation, water, salinity 8365
plant
composition 9962
tannins 556, 7375-7376
development, phenology 5731
reports
India 3022, 6614-6615
Israel 7459
salinity, responses 5732, 8366
seeds, mechanical properties, assessment 7374
storage 9255
tissue culture, propagation, techniques 10112
Poncirus, plant, composition, enzymes 2837

Poncirus trifoliata
as rootstocks
Citrus 2039, 7324
Citrus meyeri 10065
clementines 5669, 8325, 10062
grapefruits 9231
lemons 620
mandarins 1398
oranges 2842, 2862, 4644, 7325, 9222
characteristics 8325
cultivars
characteristics 8326
diseases 7320
diseases, *Oidium tingitaninum* 7320
growth regulators, triacontanol, responses 1417
hybrids 8325
mycorrhizas 3747, 8330
nutrients, absorption, assessment 2039
nutrition
calcium 7336-7337
nitrogen 10063
phosphorus 8330
pests
Belonolaimus longicaudatus 2861
Diaprepes abbreviatus 621
plant, composition, polysaccharides 2843
roots, composition 1418
rootstock scion relationships
biochemistry 2843
nutrition 6463
salinity, responses 10077
seedlings, development, growth regulators 1417
seeds
storage, systems 3736
treatment 2841
water relations, physiology 3737
Pongamia glabra *(see Pongamia pinnata)*
Pongamia pinnata
plant
composition 1278, 5557
flavonoids 541
plant extracts 540
seeds, composition 542, 2753
Popillia japonica, lawns and turf 3553-3554
Poppy *(see Papaver)*
Populus alba, trichomes 6181
Populus canadensis, plant, composition, sugars 9111
Populus deltoides, water relations, measurement 188
Populus nigra
cuttings, cultural methods 6283
pollution, sulphur dioxide 4456
Populus robusta, cuttings, cultural methods 6283
Populus trichocarpa, pollution, tolerances 475
Populus trichocarpa* × *Populus balsamifera, cuttings, cultural methods 6283
Poria cocos, composition 8966-8967, 9781
Portugal
grapes
cultivars 2305, 4095
cultural methods 5111
Portulaca
as weeds, container grown plants 9064
flowers, colour, genetics 431
Portulaca grandiflora
landscaping, slopes 7085
plant, composition, pigments 223
weed control 6175
Portulaca oleracea
as weeds
Brassica 5212
cabbages 8805
carrots 5222
celery 404
container grown plants 472
cucumbers 8826
fennel 1097
Phaseolus vulgaris 2455
radishes 5222
photosynthesis, biochemistry 1549
Portulaca umbraticola, landscaping, slopes 7085
Posidonia oceanica, utilization, growing media, tomatoes 365
Pot plants
breeding, conferences 5797
diseases
books 3866
Pythium ultimum 6202
frost, injuries 412
grading, techniques 7904
growth regulators, paclobutrazol, responses 3473
irrigation, systems 3577, 4378, 5429
nurseries
cultural methods 3467
equipment 3471
transport 3469-3470, 3472
pests, integrated control 3474
pollution, nitrogen oxides 2573
production, equipment 37
protected cultivation
carbon dioxide 2573
energy conservation 2645
reports
German Federal Republic 8456
UK 4827
storage
Begonia 2614
Begonia hiemalis 3516
Ficus 2659
transport
Begonia 7097
Ficus benjamina 8038
foliage plants 2644
Hibiscus rosa-sinensis 2715, 8107
Kalanchoe 3561
poinsettias 7194
Saintpaulia 7097
Streptocarpus 7097
temperature 8028
weed control 413
Potassium
absorption
apples 9429
bananas 10122, 10124
black currants 9538
Capsicum 6092
carnations 9797
carrots 5355-5356
cucumbers 8829
Cucurbita moschata 3342
grapes 153
mandarins 9237
onions 5969
peas 1039, 3380
Petunia 4360
Phaseolus vulgaris 5267
tomatoes 2532-2533, 6128, 7023
composition
Agrimonia 7261
apples 3098
celery 3317
cherries 9475
Citrullus colocynthis 6035
Citrus 4668
coconuts 7402
Coriandrum sativum 4472
grapes 177
Grevillea 8106
lettuces 3317
Ligustrum sinense 7217
oranges 9229
pears 4030, 6759
peas 3372
Phaseolus vulgaris 281
Plumbaginaceae 8974
Proteaceae 7089
tomatoes 7031
vegetables 3266
deficiency
apples 80
Asparagus 6981
Basella alba 6164
Brassica chinensis 6919
Brassica parachinensis 6919
Caladium 6272
cucumbers 2427
Cucurbita pepo 2441
Gerbera 1772
grapes 6835
guavas 6539
lettuces 5202
Potassium *cont.*
deficiency *cont.*
onions 6872
pistachios 4036-4037
poinsettias 1862
rubber 6559
spinach 227
sugarcane 7425
determination, horticultural crops 8496
fertilizers
assessment
boysenberries 882
coffee 5744
oranges 1409
pot plants 5414
radishes 3328
satsumas 1409
strawberries 6812
metabolism
anaerobiosis, plums 2263
calcium
black currants 3192
cocoa 2076
defoliation, apples 9453
flowering, *Citrus* 7356
fruiting, olives 8357
germination, *Phacelia tanacetifolia* 6227
growth regulators
Anemone coronaria 2612-2613
okras 1052
Ranunculus asiaticus 2612-2613
harvesting, *Telfairia occidentalis* 1714
iron, peaches 6752
irrigation
beetroots 3275
cabbages 3275
grapes 910, 3235
leeks 3275
pears 3170
light
Anemone coronaria 2611
Ranunculus asiaticus 2611
magnesium, pecans 5060
mulching, *Vaccinium vitis-idaea* 7617
nitrogen
cucumbers 2429, 6942
grapes 6825
pears 1614
plums 2263
strawberries 1631
tomatoes 3434, 7031
vegetables 3275
nutrition
grapes 5730
peaches 5015, 5730
persimmons 5730
tomatoes 4318
phosphorus
onions 4147
pears 1614
pecans 8610
pruning, apples 8521
ripening, grapes 5160, 6846
rootstock scion relationships
Citrus 5686, 6463
grapes 6822
lemons 620
salinity
cabbages 6129
grapes 919
guavas 2084
Phaseolus vulgaris 2464
pomegranates 8365
tomatoes 6129
seasonal variation
cherries 3998
Coriandrum sativum 499
Jasminum grandiflorum 3637
olives 8357
oranges 10076
peaches 6753
persimmons 6510
soil management, grapes 910
temperature
Capsicum 6091
grapes 922
pomegranates 8365

Potassium *cont.*
nutrition
Achillea millefolium 1292
Agrimonia procera 8174
Aloe arborescens 9976
Alstroemeria 4401, 9024
Amaranthus hybridus 5363
apples 805, 819, 6700, 6706, 6708, 8520, 8525, 9431
apricots 8556
Asparagus 341
aubergines 350, 4289, 7004
avocados 1392, 7314
bananas 1456, 7393, 10127
Basella alba 6164
bedding plants 6172
beetroots 8730
Begonia 9009
black currants 2276, 3192, 3194
Brassica 6001
broccoli 1697
cabbages 2525, 8730
Capsicum 350, 6222, 6993
carnations 8977
carrots 2548, 5360
cashews 3783, 4707
Catharanthus roseus 5592
cauliflowers 5214
celery 4342, 5361, 7070
chicory 8779
Chinese cabbages 7745
chives 5975
chrysanthemums 6199, 7108
Citrullus vulgaris var. *fistulosus* 268
Citrus 635
coconuts 1468, 2912, 6532
coffee 1475, 3802, 4740, 8393, 10145
container grown plants 9092
Coriandrum sativum 8120
cucumbers 267, 350, 6126, 6941, 8730, 8832
Cupressus macrocarpa 1855
Curcuma longa 4478-4479
Cyclamen 1802-1803, 5430, 8985
Cymbopogon flexuosus 6334
Cymbopogon winterianus 512
Cyperus esculentus 1099
Erica darleyensis 5490
Festuca 1108
Ficus benjamina 8038
foliage plants 8043, 9033
garlic 5172, 8735
Gladiolus 2615, 3520
Gladiolus grandiflora 7978
Gloriosa rothschildiana 4404
grapes 178, 2312, 4117-4119, 6830-6832, 6834, 6849, 8708
reviews 3239
greenhouse crops 203
guavas 2083
hops 1272, 4522, 9956
horticultural crops 31, 8485
Impatiens walleriana 8984
Jasminum grandiflorum 6296
Lantana camara 5524
lawns and turf 5460, 9857
lemons 3748
lettuces 5361, 8786
Litchi 2063
Magnolia grandiflora 3579
mandarins 2051, 5689
mangoes 7407, 10166
Mentha 2740
natsudaidais 5688
nectarines 5014
oil palms 1491, 2089, 4755-4756, 6548, 9278
okras 4289, 7004, 7829
onions 1665, 2363
oranges 1407-1408, 2047, 2856-2857, 7358
Origanum majorana 4513
parsnips 7069
peaches 4020, 8593
pears 1614, 2252, 5040, 8525
pecans 5059
Pelargonium 8984-8985
Pelargonium graveolens 8143
Peperomia caperata 5406

Potassium *cont.*
nutrition *cont.*
Phaseolus vulgaris 3357, 6043, 6045
pineapples 6554
Pinellia ternata 597
Piper betle 2029
Platycodon grandiflorus 5423
plums 1620
pot plants 1185, 2661, 6177
radishes 258, 3328
raspberries 2285
red currants 2275-2276
Rhododendron 7196
roses 2701
rubber 2091, 4774, 6558-6559
Saintpaulia 5406, 8988
Salvia officinalis 9953
satsumas 2845, 9225, 10075
Sedum 1108
Simmondsia chinensis 8312
Sinningia speciosa 9015
squashes 7792
Stevia rebaudiana 2828, 3732, 9217
strawberries 2295-2296, 3206, 6810-6811, 6813
sugarcane 3841, 6573, 6576, 9293, 10197-10200
tea 2995, 2998-2999
tomatoes 202, 361, 369, 2525-2526, 3430, 3433, 3435-3436, 6126-6127, 7026, 7028, 7032, 7035, 8730, 8932
Trichosanthes cucumerina 6941
Vaccinium 7615
Vaccinium corymbosum 7621
vegetables 203-204, 1658, 7691, 8729
Vicia faba 5280
Withania somnifera 4598
woody plants 3572, 8066, 9092
Zingiber officinale 7233
requirements
analysis
apples 804, 2220, 3948-3950
avocados 6456
bananas 8379
black currants 3192
cabbages 1700
cashews 4706
cherries 3997
Citrus 3744, 3746, 7332
Citrus latifolia 5686
coconuts 6532
Gerbera 4352
grapes 175-176, 1648, 3238, 4116, 5138, 6827-6828
guavas 6540
hops 1270
lettuces 5201
limes 5686
mandarins 3745
mangoes 3813
oil palms 4755
onions 6872
oranges 4642, 7331, 10074
peaches 6752
pecans 9516
pineapples 7415
plants 6628
sugarcane 3837
tomatoes 3436, 7024-7025, 7027
Vaccinium corymbosum 7624
Vaccinium vitis-idaea 7622
walnuts 6770
assessment
oil palms 1490
sugarcane 6579
responses
gooseberries 2278
Oxalis regnellii 3511
pumpkins 1005
raspberries 2282-2283
toxicity, melons 269
translocation
carrots 9768
Citrus 7337
Cucurbita pepo 1711
peas 3380
plums 8619
sour oranges 10073

Potassium *cont.*
translocation *cont.*
tomatoes 2533, 2540, 4327, 8940
Vicia faba 8873
Potato virus Y, *Capsicum* 7832, 7835, 8895
Potatoes, as weeds, carrots 397
Potentilla anserina, plant, composition, phenolic compounds 552
Potentilla fruticosa
mulching
materials 2678
responses 2678
plant, composition, flavonoids 2719
planting stock, production, containers 9092
seeds, size, environment 2719
tissue culture, organogenesis 4458
Poterium ancistroides, plant, composition, terpenoids 8276
Potinara, tissue culture, propagation, techniques 5475
Pots
types
cashews 4703
Phaseolus vulgaris 7796
Poultry manure
utilization
fertilizers
avocados 6457, 7314
cauliflowers 5214
lettuces 4163
Platycodon grandiflorus 5423
strawberries 2294, 6813
Vaccinium 5908
vegetables 2343
woody plants 2680
growing media, container grown plants 2425
soil amendments
avocados 7315
cucumbers 8839
Pouteria sapota
grafting 7446
plant, morphology 10114
topworking 3860
Pratylenchus
currants 875
grapes 183
strawberries 7648
sugarcane 6578, 7427
sweet peas 7953
Pratylenchus brachyurus
Citrus 4648
pineapples 4770, 10179-10180
Pratylenchus coffeae
Capsicum 3404
Citrus 4648
Pratylenchus penetrans
apples 8533
Arachniodes adiantiformis 6267
raspberries 2286, 7602
Pratylenchus sefaensis, Phaseolus lunatus 3359
Pratylenchus thornei, horticultural crops 8490
Pratylenchus zeae, sugarcane 7428
Prays citri
Citrus 8335
lemons 6481-6482
Primula
species
characteristics 6216
cultural methods 6216
Primula laurentiana, pollination, research 7121
Primula obconica
breeding, Netherlands 7120
cultural methods, pot plants 6177, 7120
Primula rosea, plant, composition, sapogenins 1130
Primula veris* subsp. *macrocalyx, wild plants, utilization, ornamental plants 7086
Primula vulgaris
breeding, outcrossing 5405
pollination, research 5405

Prinsepia, wild plants, surveys, China 6678
Prosopis cineraria, air layering 3382
Prosopis juliflora, products, fuels 7445
Prostanthera striatiflora, tissue culture, propagation, techniques 4457
Proteaceae, seeds, composition 7089
Protected cultivation (*see also* Greenhouses)
biochemistry, vegetables 212
carbon dioxide
Agave vilmoriniana 5466
Anthurium scherzerianum 5413
aubergines 7005
Begonia hiemalis 1798
Capsicum 6130, 7005
chrysanthemums 9802
cucumbers 270, 2432-2433, 3439, 5236, 5255-5256, 7773, 7776, 8838
Cyclamen 6233
Dieffenbachia exotica 7480
Ficus benjamina 7480
horticultural crops 26
Kalanchoe 1194
lettuces 1730
Lilium 2621
melons 7005
poinsettias 1221, 9081
pot plants 2573, 6263
radishes 6929
roses 5505
Saintpaulia 9802
Schefflera arboricola 7480
tomatoes 1730, 1734, 3439, 6130, 9348
conferences 6601
cucumbers 2115
cultivars
aubergines 6097, 7001, 7846
Capsicum 1725, 6085-6086, 7834
carnations 9794-9795
Chinese cabbages 8796, 9656
chrysanthemums 2583
cucumbers 2409, 6935, 7766, 8817-8818
endives 9642
Eucalyptus 5519
Gerbera 5393, 9804
lettuces 2380-2381, 3312, 5986-5987, 6897, 7732, 9643
Lilium 7983
melons 988, 6934
onions 938
Phaseolus vulgaris 2450
radishes 7756
roses 8082
strawberries 5086-5088, 6802
tomatoes 356, 1068, 2512, 6104, 6112, 7852-7854, 8796, 9736-9738
tulips 9846-9847
Vaccinium 3202
cultural methods
Aerangis luteo-alba 1844
Artemisia dracunculus 7228
aubergines 8888
Bouvardia 2708
broccoli 6907
Calceolaria 1789
Capsicum 4317, 8888, 9732
carnations 6176
cauliflowers 1695
chicory 8779
Chinese cabbages 7745
chrysanthemums 1768, 2586-2587, 3488
cucumbers 2415, 2443, 6021, 7775, 7873, 9682, 9690
Cupressus macrocarpa 1855
cut flowers 6637
endives 4162
Freesia 7137
fruit crops 6637
Gerbera 1770, 6176
Gladiolus 437, 9831
Iris 4388-4390
Italy, reviews 2124
lettuces 4162, 6303, 7737
Lilium 7990
Limonium 9816
melons 4189

Protected cultivation *cont.*
cultural methods *cont.*
Micropera 1841
nectarines 8587
Nerine 7988
Nerine flexuosa 7147-7148
onions 7706
Opuntia 7073
ornamental plants 5372
Phaseolus vulgaris 891, 7796
Platycodon grandiflorus 9820
Ranunculus 4408
roses 1874, 4452, 6176, 9087, 9903, 9907
strawberries 891, 893, 5092
Strelitzia reginae 7132
tomatoes 381, 4317, 7021, 7050, 7052, 7058, 7873, 9762
tulips 7990
Valerianella locusta 7075
vegetables 1656, 6637, 7689
Vigna unguiculata 6980
diseases
carnations 5384, 8978
foliage plants 9867
Gerbera 4353
strawberries 9560
tomatoes 371, 4322, 8936
vegetables 208
disorders
cucumbers 2418
lettuces 242
economics
greenhouse crops 3903
horticultural crops 35
ornamental plants 35
strawberries 9553
vegetables 7688
energy conservation
carnations 2578, 3479
chrysanthemums 7110
cucumbers 7771-7773
foliage plants 9869
greenhouse crops 6652
horticultural crops 2133
kohlrabi 7750
lettuces 9652
poinsettias 1863, 9081
pot plants 2645
roses 9088
strawberries 893
tomatoes 1739, 3422, 5327-5328, 6120, 7476, 7859-7861
vegetables 8471
energy requirements
carnations 2138
chrysanthemums 2138
cucumbers 2138
greenhouse crops 4849, 4853
Sinningia 2138
vegetables 6852
environmental factors, tomatoes 382
growing media
carnations 1766
cucumbers 2419-2420, 2423-2425
Gerbera 7115
lettuces 3315
ornamental plants 5371
pineapples 7414
Platycodon grandiflorus 3512
tomatoes 361-362, 365-366, 368, 2420, 6125, 8927
tulips 3534
vegetables 200
growth, lettuces 2385
harvesting date, lettuces 5986
heat retention
lettuces 6904
tomatoes 7016
heating systems 8475
carnations 2578, 7104
Gerbera 7114, 9805
greenhouse crops 4853, 6652
horticultural crops 1541, 2124
melons 4190, 4861
strawberries 5096
tomatoes 2134, 4861, 5325-5326
vegetables 755, 3035
high altitudes, horticultural crops 3904
humidity
cucumbers 5252

Protected cultivation *cont.*
humidity *cont.*
pot plants 9010
Schefflera arboricola 4421
tomatoes 371, 5328
irrigation
Agave vilmoriniana 5466
carnations 2577
celery 9649
cucumbers 2426, 5334, 8828
Gladiolus 7973
lettuces 9649
melons 4191, 6020
Phaseolus vulgaris 2463
radishes 258
tomatoes 359-360, 2520, 3424, 5334, 7052
labour requirements, greenhouse crops 6124
light
Alstroemeria 7995
Begonia 2614
Begonia hiemalis 1798
Capsicum 2340-2341
carnations 2577
chrysanthemums 5392, 6206
cucumbers 2340, 2444, 5254
Gerbera 2341, 6851
Hedera 9077
kohlrabi 7750
lettuces 5203
Lilium 2621
ornamental plants 7899
Pelargonium hortorum 5401
Platycodon grandiflorus 3512
poinsettias 1221
radishes 9666
roses 2341, 6851
strawberries 5914
tomatoes 1734, 2340-2341, 5324, 5341, 6128, 6851, 7476, 9761
turnips 4177
microclimate
cucumbers 6643
roses 6643
tomatoes 5340
mulching
cucumbers 6638
lettuces 6899
melons 8830
tomatoes 202, 6638, 7015, 8920
nutrition
Alstroemeria 9024
Capsicum 9730
chrysanthemums 1119
cucumbers 266, 2427, 2430, 6126
lettuces 266, 3315, 6901
parsnips 7069
pineapples 7414
radishes 258
spinach 6901
strawberries 6811
tomatoes 202, 359, 361-362, 368, 6126, 6128, 7028
vegetables 203
conferences 6
pests
Capsicum 7045
chrysanthemums 1121
cucumbers 1084, 1706
foliage plants 9867
Gerbera 6208
roses 5507
sweet peas 7953
tomatoes 1084, 5339, 6119, 7045
vegetables 5165, 6855
photoperiodism, chrysanthemums 1117, 1122
physiology, cucumbers 2439
planting
seasons
carnations 2578
cucumbers 2414
lettuces 6904
strawberries 6808
planting stock
aubergines 7014
Capsicum 7014
radishes 1702
roses 8082
strawberries 6806

Protected cultivation *cont.*
planting stock *cont.*
tomatoes 7014
polar regions, *Capsicum* 6085
pollination, tomatoes 6104, 9763
pollution
lettuces 1730
tomatoes 1730
propagation, roses 5502
pruning
carnations 6189
Citrus meyeri 5683
cucumbers 2421
roses 9909
tomatoes 6136, 7863
rootstocks, roses 8080
rotations
cucumbers 3420
lettuces 3420
sweet peas 7953
tomatoes 3420
shade, pot plants 7966
shading
plants 7479
tomatoes 2139
soil fumigation, lettuces 244
soil steaming, lettuces 244
soil warming, lettuces 6904
soilless culture
aubergines 6124
Capsicum 6124
cucumbers 1076, 2426, 5334, 6124, 9680
cut flowers 6656
horticultural crops 6656
lettuces 1691, 9652
ornamental plants 1077
roses 5504
strawberries 5914
tomatoes 360, 363, 1076-1077, 2521, 2524, 5334, 6124-6125, 7866
vegetables 1078
sowing date
cucumbers 7776
tomatoes 9761
spacing
cucumbers 2422
kohlrabi 7750, 9658
lettuces 6897
Phaseolus vulgaris 284
roses 8080, 9905
strawberries 6806
systems
assessment
Chinese cabbages 971
Citrus meyeri 6467, 10067
horticultural crops 5794
lemons 6467
lettuces 1690, 8787
Litchi 8350
mandarins 5673
melons 9674
strawberries 143, 8668
tomatoes 7015
vegetables 1655, 1657
watermelons 9674
design, horticultural crops 6592
frames, *Alchemilla mollis* 1134
greenhouses 759, 7489
Aechmea fasciata 9863
bananas 10119
Capsicum 7483, 8889, 9729
celeriac 8954
celery 8954
clementines 3742
cucumbers 2418, 4851, 6638, 7771
endives 237
foliage plants 1112
Gladiolus 7975
Lilium 7984
onions 4851
Orchidaceae 1843
Petroselinum crispum 757
poinsettias 8478
Quercus 9113
roses 4451, 9905
tomatoes 3421, 4851, 6118-6119, 6638, 7483, 8478, 8911, 9336, 9745

Protected cultivation *cont.*
systems *cont.*
greenhouses *cont.*
vegetables 757, 929
netting
horticultural crops 7463
tomatoes 7463
plastic film
apples 5841
beetroots 9622
broccoli 8800
Capsicum 6989
carrots 2547, 7064, 7877, 8951
Chinese cabbages 970
endives 957, 7731
grapes 5127
leeks 8743, 8745
lemons 5672, 10069
lettuces 8788
melons 8823
nectarines 5001
pawpaws 8408
strawberries 5827, 5911, 5958, 9559
vegetables 1536, 3054, 5164, 5827, 5958, 8722, 8724
plastic tunnels 7489, 8475
Asparagus 9725
cucumbers 8824
horticultural crops 35, 1541
nectarines 6750
Phaseolus vulgaris 891
strawberries 148, 891, 9553, 9558
tea 9299
vegetables 1661
temperature
Boronia heterophylla 3597
Cactaceae 2647
Capsicum 6091
Chinese cabbages 8795
chrysanthemums 1117, 1122, 5390, 5392, 6195, 7110, 8473
cucumbers 2414, 2416-2417, 2439, 2444, 5235, 5237, 7771, 7773, 7776, 8473
foliage plants 5462
Gladiolus 7141
Hymenocallis festalis 9853
Iris 9836
kohlrabi 5220
lemons 10066
lettuces 5390, 6899
Lilium 2621
Lilium maculatum 6243-6244
melons 9679
Panax quinquefolius 3701
Pelargonium hortorum 5401
Phalaenopsis 5477
Platycodon grandiflorus 3512
poinsettias 1222, 9081
radishes 9666
roses 9088
Schefflera arboricola 4421
Sinningia cardinalis 9824
Streptocarpus 9824
tomatoes 1734, 1739, 7016-7017, 7050, 7859, 8473, 9761
tulips 3534
training
cucumbers 2422
tomatoes 2521

Proteins
application, coffee 3801
biochemistry
Phaseolus lunatus 301
Vicia faba 4243, 6068
biosynthesis
carrots 3458
peas 5292
Phaseolus vulgaris 1021, 1027, 5270
Vicia faba 4239
characterization
carrots 7881-7882
Erythrina 1963
onions 218
Papaver somniferum 1347, 2799
peas 5187
Petunia 5403
Phaseolus vulgaris 8866, 9713

Proteins *cont.*
characterization *cont.*
radishes 7760
Sambucus 6774
spinach 5187, 9628
tomatoes 8942
composition
almonds 58, 1564, 2158
Aloe arborescens 9977
Amaranthus cruentus 2557
apples 4937
Betula pendula 8169
Boletus edulis 2567
broccoli 9655
cabbages 5997
Cantharellus cibarius 2567
carobs 10056
cashews 4717
Citrullus colocynthis 6035
Citrus 4668
coconuts 7402
Coriandrum sativum 4472
Crotalaria brevidens 2557
dates 3768
Erucastrum arabicum 2557
fungi 1104, 7083
Genipa americana 10225
Gynandropsis gynandra 2557
Jerusalem artichokes 6890
lettuces 8783
mangoes 1484, 4749, 5749
passion fruits 9250
peaches 3164-3165
peas 4268, 4277, 8885
Phaseolus vulgaris 281, 2449
Phytolacca americana 4268
Proteaceae 7089
Psophocarpus tetragonolobus 4279
radishes 4268
rhubarb 344
rubber 10187
Salix daphnoides 8169
Solanum nigrum 2557
Torreya grandis 3576
tropical fruits 9256
vegetables 7694
Vicia faba 4268
Viscum cruciatum 3725, 5646
walnuts 1564
Washingtonia filifera 9931
determination
apples 3115
ornamental plants 40
peas 6076
plants 41
metabolism
antioxidants, spinach 2373
biochemistry
cocoa 8383
Phaseolus vulgaris 2469, 2471
calcium, *Nicotiana alata* 7955
dark, *Phaseolus vulgaris* 1021
environment, tomatoes 8909
flowering, tomatoes 1086
fruiting, bananas 662
germination
Cyathea spinulosa 8037
Leguminosae 1015
pawpaws 4765
peas 2481
Phacelia tanacetifolia 6227
Phaseolus vulgaris 7794
Psophocarpus tetragonolobus 3383
Ziziphus sativa 3858
growth, tomatoes 6137
growth regulators
Capsicum 393
carnations 7918
cashews 4716
cucumber 5345
Cyamopsis tetragonoloba 4245
grapes 2326
peas 1043
roses 8087
harvesting, *Telfairia occidentalis* 1714
light
apples 7542
cucumbers 276
Phaseolus vulgaris 9715

Proteins *cont.*
metabolism *cont.*
light *cont.*
tomatoes 4325
Tropaeolum majus 9826
magnesium, tomatoes 7040
male sterility, *Petunia parodii* 1785
nutrition, cocoa 9262
photosynthesis
horticultural crops 42
spinach 3301, 5978, 9631
physiology
onions 8762
peas 1718
pollination
Lilium longiflorum 2622
Nicotiana alata 7955
pollution
spinach 6882
Vicia faba 6968
polyamines, spinach 5981
potassium, grapes 6835
ripening
bananas 2073
Capsicum 9733
oil palms 4759
Thaumatococcus daniellii 1389
tomatoes 3449
salinity
Azadirachta indica 6305
Melia azedarach 6305
tomatoes 7040
seasonal variation, apples 7534
senescence
apples 813
carnations 6185, 7918
roses 8087
silicon, cucumbers 9683
silver thiosulphate, carnations 7918
storage, *Asparagus* 4286
sulphur, peas 4255
temperature
Agave deserti 5465
apples 9450
Carnegiea gigantea 5465
Ferocactus acanthodes 5465
Gladiolus 7976
tissue culture
Datura fastuosa 1959, 2782
Lilium longiflorum 2622
oranges 7352
Petroselinum crispum 1252
water relations
Phaseolus vulgaris 7794
sugarcane 10205
wounds
peas 1043
temperate fruits 1562
production
plant residues, cocoa 4726
techniques, cashews 4722
sources, surveys, USA 4610
taxonomy
peas 2477
Proteaceae 7089
translocation, watermelons 6947
ultrastructure
onions 8761
Palisota barteri 7956
radishes 1703
Prunella vulgaris
leaves, histology 2802
plant
composition 2802
terpenoids 4582
Pruning (*see also* Ringing)
equipment
apricots 4835
disinfection 5810
woody plants 9375
prunings disposal
almonds 55
fruit crops 46
grapes 358
woody plants 754, 2132
responses
Amaranthus tricolor 3462
apples 790, 2177, 3973, 4889, 4916, 4918-4919, 4921, 4942, 5836, 5840, 6701, 6733, 7530, 8521, 9466, 9468

Pruning *cont.*
responses *cont.*
atemoyas 7385
avocados 10052
bananas 8378, 10131
blackberries 138
Capsicum 8896
carnations 1114
chrysanthemums 6198
Citrus 1405
coffee 10135
cucumbers 9690
grapes 1641, 4111, 4118, 5126, 5944, 5949, 6825, 7672-7673, 8689, 9600
guavas 1480
Jasminum grandiflorum 8134
lemons 10072
nectarines 5010, 5878, 6750
peaches 5002, 5010, 5878, 5884, 6749, 8588-8589
pineapples 9283
raspberries 7606
Rhododendron 7196
satsumas 9225
sour oranges 10073
strawberries 7640
sugarcane 710
tea 3855
tomatoes 6136, 7863
seasons
almonds 3083
Jasminum grandiflorum 3637
peaches 8590
roses 5503
systems
assessment
Actinidia chinensis 1625
apples 2177, 4914-4915, 5832, 7527, 7529
black currants 2274, 8630
carnations 6189
cherries 4969, 8568
Citrus meyeri 5683
cucumbers 2415, 2421, 7775, 9681
gooseberries 3195
grapes 164, 914-916, 1646, 3237, 5943, 8702-8703, 8706
olives 6505
peaches 4019, 5002, 5886, 8591
pistachios 4039
plums 5893, 8568
raspberries 879, 4061, 7601, 7603-7604, 8636, 8638
roses 5503, 9909
stone fruits 9383
Taxus baccata 3013
tea 9301, 10214
temperate fruits 3078, 9418
Vaccinium ashei 7618
growth regulators
Actinidia 6780
apples 6702
avocados 2831
Fuchsia 3506
grapes 9576
nectarines 5010
peaches 5010
pears 3171
raspberries 9545
mechanical methods
apples 800, 7528
grapes 915
hops 532
olives 651
peaches 8591
pears 3171, 5038-5039
raspberries 879
Vaccinium corymbosum 7618
root pruning
apples 800, 9423
Capsicum 1707
cucumbers 1707
Phaseolus vulgaris 9708
planting stock 5810
wound dressings
apricots 2226, 4835
grapes 2226

Prunus (*see also* Almonds; Apricots; Cherries; Damsons; Nectarines; Peaches; Plums)
cuttings, cultural methods 469
herbicides, tolerances 49
hybrids
as interstocks, stone fruits 9378
as rootstocks
Prunus 4879
stone fruits 9378
propagation, cuttings 7579
ornamental plants, landscaping, USA 3570
plant, composition, lipids 5822
rootstocks, propagation, cuttings 4879, 9523
seeds
germination 3076
storage, systems 3076
tissue culture, storage 3923
wild plants, surveys, China 6678
Prunus americana, fruits, composition 4884
Prunus caroliniana, planting stock, production, containers 7207
Prunus cerasifera
tissue culture
explants, sources 3593
organogenesis 4458
Prunus cerasoides, plant, composition, essential oils 3624
Prunus davidiana, pollen, germination, amines 415
Prunus fontanesiana, cuttings, cultural methods 9523
Prunus hillieri, cultivars, characteristics, UK 8057
Prunus laurocerasus
cuttings 7090
diseases, *Sphaerotheca pannosa* 7220
frost, injuries 411
planting stock, production, containers 9092
water relations, physiology 5513
Prunus maackii, cultural methods, USA 7221
***Prunus* necrotic ringspot virus,** hops 5553
Prunus padus, shoots, development, histology 1602
Prunus pumila, tissue culture, propagation, techniques 4433
Prunus salicina* × *Prunus americana, fruits, composition 4884
Prunus sargentii, cultivars, characteristics, UK 8057
Prunus sibirica, fruits, composition 97
Prunus spinosa
fruits
composition 4884, 6767
development, histology 9386
ripening, biochemistry 6773
Prunus tomentosa
as rootstocks, apricots 3131
tissue culture, organogenesis 4458
Prunus triloba
cuttings 1211
grafting, techniques 1850
pollen, germination, amines 415
Pseudaulacaspis pentagona, peaches 5885
Pseudocalymma alliaceum, plant, composition, essential oils 5550
Pseudococcus
oil palms 3818
Vaccinium corymbosum 7625
Pseudococcus longispinus, persimmons 8364
Pseudococcus maritimus, grapes 4127
Pseudocochliobolus australiensis, onions 4148
Pseudomonas
control, of *Fusarium oxysporum* f.sp. *dianthi,* carnations 7101
inoculation
Citrus 619
Parthenium argentatum 612
Orchidaceae 9057
Pseudomonas cichorii, chrysanthemums 7925, 7928
Pseudomonas fluorescens, control, of fungi, ornamental plants 6180

Pseudomonas putida, control, of *Fusarium oxysporum* f.sp. *dianthi,* carnations 7101
Pseudomonas solanacearum
aubergines 1061, 5318
Capsicum 4292
Tagetes 4372
tomatoes 1729, 2516, 3414, 3440, 5323, 8908
Pseudomonas syringae
apricots 3978, 8556
coffee 3803
epiphytes, stone fruits 5881
leeks 937, 3277
tea 1513
Pseudomonas syringae* pv. *glycinea, *Phaseolus vulgaris* 6054
Pseudomonas syringae* pv. *lachrymans, cucumbers 8820
Pseudomonas syringae* pv. *morsprunorum, cherries 6743
Pseudomonas syringae* pv. *phaseolicola, *Phaseolus vulgaris* 2465
Pseudomonas syringae* pv. *syringae
cherries 6743
fruit crops 9377
grapes 9377
peaches 105
Pseudomonas syringae* pv. *tomato, tomatoes 4316
Pseudomonas tolaasii
mushrooms 8960
Pleurotus 3464
Pseudoperonospora cubensis
cucumbers 4187, 5232, 8820, 8840
melons 3337-3338, 6025
Pseudoperonospora humuli, hops 1269, 4523, 5553, 6344
Pseudotsuga menziesii
as rootstocks
Larix 1214
Picea 1214
nurseries, cultural methods 470
rootstock scion relationships, compatibility 1214
Pseudozygocactus, species, characteristics 6266
Psidium (*see also* Guavas)
taxonomy, keys 1478
Psidium longipes, characteristics 4743
Psila rosae, carrots 3456, 4336, 6154, 7880
Psilotum nudum, plant, composition, organic acids 1356
Psittacanthus calyculatus, plant, composition 8156
Psophocarpus palustris, as cover crops, oil palms 1486
Psophocarpus tetragonolobus
as cover crops, tropical crops 4279
cultivars, nutritional value 3385
diseases, *Phoma sorghina* 1047
nutrition
nitrogen 4278
phosphorus 2492, 4278
plant
composition, proteins 4279
development, light 2492
planting, spacing 4278
reports, India 3022
seeds
composition 3384-3385, 7824
germination, biochemistry 3383
storage 7823
staking, responses 4279
Psoralea cinerea, fruits, characteristics 6422
Psoralea corylifolia
fruits, characteristics 6422
seeds, composition 3655
Psoralea lachnostachys, fruits, characteristics 6422
Psoralea leucantha, fruits, characteristics 6422
Psoralea martinii, fruits, characteristics 6422
Psoralea plumosa, fruits, characteristics 6422
Psoralea pustulata, fruits, characteristics 6422
Psorospermum febrifugum
plant, composition, cytotoxic compounds 10026
roots, composition 4583
Psychotria, taxonomy, morphology 9112
Psychotria forsteriana, plant, composition, alkaloids 1357
Psychotria rostrata, plant, composition, alkaloids 5581
Psychotria serpens, landscaping, USA 8098
Psylla uncatoides, *Acacia* 7208
Ptelea trifoliata, plant, composition, alkaloids 2776
Pteridium aquilinum
as weeds, *Vaccinium* 5080
plant, composition, reviews 2640
Pteridophyta, as weeds, oil palms 2936
Pteris, cut foliage, vase life 1123
Pteris angustipinna, plant, composition, terpenoids 2664
Pteris cretica
plant, composition, terpenoids 2664
prothalli, histology 4420
Pteris dactylina, plant, composition, terpenoids 2664
Pteris grevilleana, plant, composition, terpenoids 2664
Pteris multifida, plant, composition, terpenoids 2664
Pteris tremula, plant, composition, terpenoids 2664
Pteris vittata, water relations, physiology 9048
Pterocarpus indicus, plant, composition, phenolic compounds 9191
Pterocarya, wild plants, surveys, China 6678
Pterocarya stenoptera, diseases, *Phytophthora* 6769
Pterostylis, cultural methods, pot plants 1203
Pterotaberna inconspicua, leaves, composition 1991
Ptilonia magellanica, plant, composition 4537
Puccinia allii
leeks 3277
onions 7709
Puccinia angelicae, *Angelica* 2722
Puccinia asparagi, *Asparagus* 5303, 6077
Puccinia dracunculina, *Artemisia dracunculus* 8137
Puccinia horiana, chrysanthemums 6201, 7107
Puccinia kuehnii, sugarcane 2959
Puccinia melanocephala, sugarcane 701, 2959, 7426
Puccinia menthae, *Mentha piperita* 8137
Puccinia porri, leeks 937
Pueraria, as cover crops, coconuts 8387
Pueraria hirsuta
plant
composition, flavonoids 9089
development, phenology 9089
Pueraria lobata, plant, composition, glycosides 2803
Pueraria mirifica, plant, composition, glycosides 8277
Pueraria phaseoloides
as cover crops, oil palms 1486
herbicides, injuries 2935
Pueraria tuberosa, plant, composition 9962
Puerto Rico, okras, cultivars 8886
Pulicaria crispa, plant, composition 8158
Pulmonaria, cultivars, assessment, German Federal Republic 9787
Pumice
utilization
growing media
Gerbera 7115
tomatoes 2526
Pummelos
cultivars
characteristics
South Africa 2038
USA 7321
fruits
development, parthenocarpy 10086
set, growth regulators 10086
hybrids, characteristics, USSR 8324
Pummelos *cont.*
pollination, compatibility 10086
Pummelos × grapefruits, cultivars, characteristics, USA 4625
Pummelos × *Poncirus trifoliata,* pests, *Diaprepes abbreviatus* 621
Pumpkins
cultivars, characteristics, Hungary 8819
cultural methods, Tuvalu 3888
herbicides, injuries 7774
nutrients, requirements, analysis 9607
nutrition, calcium 8486
pesticides, application 8491
plant
composition
carotenoids 1005
chlorophyll 1005
reports, Canada 9313
seedlings
development, cytology 7784
production, cultural methods 5806
seeds, treatment 925
weed control 7774
Punica (*see also* Pomegranates)
Purines
extraction, plant residues, coffee 3808
metabolism
biochemistry, coffee 5747
seasonal variation, tea 7442
responses, onions 6874
Pycnostysanus azaleae, *Rhododendron* 3582
Pyracantha
cultural methods, containers 1876
growing media, composition 410
herbicides, injuries 471
landscaping, USA 3570
Pyracantha coccinea
cuttings, treatment, antitranspirants 7205
landscaping, industrial sites 3590
planting stock, production, techniques 6322
Pyracantha fortuneana, planting stock, production, containers 1850
Pyrenochaeta, horticultural crops 8490
Pyrenochaeta terrestris
leeks 937, 3277
onions 7709
Pyrethrum pyrethroides, plant, composition, lactones 6423
Pyrgomorpha, oil palms 3818
Pyrilla perpusilla, sugarcane 7430-7431
Pyrola chlorantha, plant, composition, flavonoids 9001
Pyrola rotundifolia, plant, composition 3658, 8278
Pyrola virens, plant, composition, flavonoids 9001
Pyrrhula pyrrhula, pears 5044
Pyrus (*see also* Pears)
frost, injuries 869
ornamental plants, propagation 1248
pests, *Selepa celtis* 9892
wild plants, surveys, China 6678
Pyrus bretschneideri
cultivars
assessment
France 4024
USSR 7573
cultural methods, France 4024
Pyrus bretschneideri* × *Pyrus pyrifolia, cultivars, assessment, USSR 7573
Pyrus calleryana
cultivars, characteristics, UK 8057
nurseries, cultural methods 474
Pyrus pashia, cultural methods, France 4024
Pyrus pyrifolia
cultivars
assessment
France 4024
Japan 5888
cultural methods, France 4024
fruits, quality, assessment 5055
leaves, cytology 4833
planting stock, production, tissue culture 4027
pollination
biochemistry 9507
compatibility 8604, 9507

Pyrus pyrifolia cont.
tissue culture, storage 4027
Pyrus pyrifolia* × *Pyrus ussuriensis, cultivars, assessment, USSR 7573
Pyrus serotina *(see Pyrus pyrifolia)*
Pyrus ussuriensis
as rootstocks, *Pyrus* 1248
cultivars
assessment
France 4024
Japan 5888
USSR 7573
cultural methods, France 4024
Pythium
beetroots 2368
cucumbers 4196
Lilium 7144
Phaseolus vulgaris 4212
Saintpaulia 2593
vegetables 6153
Pythium aphanidermatum
cucumbers 8841
spinach 224
Zingiber officinale 3623
Pythium debaryanum, *Cyclamen* 4379
Pythium dissotocum, spinach 224
Pythium irregulare, cucumbers 9684
Pythium oligandrum
control
of *Mycocentrospora acerina,* carrots 3327
of *Pythium ultimum,* cress 3327
Pythium pleroticum, *Zingiber officinale* 503
Pythium splendens, cucumbers 6028
Pythium sylvaticum, *Ranunculus* 5451
Pythium ultimum
cress 3327
cucumbers 4197
Impatiens walleriana 430
pot plants 6202
Qatar, medicinal plants, surveys 5575
Quadraspidiotus ostreaeformis, apples 3957
Quadraspidiotus perniciosus
apples 2183, 3109, 3957, 4932, 5069
plums 5069
Quamoclit coccinea* × *Quamoclit vulgaris, chromosomes 5395
Quamoclit multifida, genetics 5395
Quassia, plant, composition 1289
Quassia multiflora, plant, composition 1358
Quassia undulata, seeds, composition 6346
Quassinoids
composition
Brucea antidysenterica 3671
Brucea javanica 4550
Quercifilix zeilanica, plant, morphology 461
Quercus, planting stock, production, techniques 5807
Quercus alba, roots, development, wounds 1212
Quercus gambelii, plant, composition 2752
Quercus infectoria, plant, composition, tannins 555
Quercus palustris
disorders, chlorosis 5530
grafting, techniques, assessment 8113
nutrition 5530
Quercus petraea, planting stock, production, techniques 9113
Quercus phillyreoides, leaves, spectral data 7495
Quercus robur
cultivars
characteristics 1891
UK 8057
grafting, techniques, assessment 8113
planting stock
overwintering 5481
production
containers 9114
techniques 9113
rootstocks, propagation, cuttings 8113
Quercus rotundifolia, plant, development, phenology 7093
Quercus rubra
frost, injuries 2245
grafting, techniques, assessment 8113
Quercus shumardii, tissue culture, propagation, micropropagation 9928
Quercus stellata, products, wood chips 1876
Quercus stenophylla, plant, composition, tannins 555
Quercus velutina, roots, development, wounds 1212
Quiabentia chacoensis
photosynthesis
CAM pathway 6265
physiology 6265
Quillaja saponaria, plant, composition, saponins 3729
Quinces
as rootstocks, pears 851, 1559, 2251, 4026, 5028, 5030, 5032-5035, 5046, 7574, 9503
cultivars
assessment, USSR 7573
characteristics, Brazil 4046
pollination 8622
cuttings, types, summer cuttings 8498
frost, injuries 7499, 9380
fruits
composition 4884
development, histology 9386
nutrition, iron 9527
plant, composition, tannins 9140
pollination 8622
production, slopes 2152
reports
Netherlands 6616
Switzerland 15
salinity, tolerances 3101
seeds
storage 2265
treatment 85
soil types 2153
soil water, responses 3101
tissue culture
propagation, micropropagation 6768
storage 3923
Quinces × apples, cuttings, types, summer cuttings 8498
Quinones
characterization
Acacia leucophloea 9971
Cassia mimosoides 3672
Cinchona pubescens 6377
Iris missouriensis 2618
Ventilago calyculata 1257
composition
Aloe perryi 5582
Arnebia decumbens 9147
Berchemia racemosa 9151
Cassia hirsuta 9159
Cassia nomame 1943
Cassia obtusifolia 9160
Cassia sophera 1944
Cinchona ledgeriana 9989
Digitalis lanata 9999
Diospyros discolor 4679
Euclea natalensis 1324
Faramea cyanea 1326
Hedyotis diffusa 9182
Ipomopsis aggregata 3668
Maesopsis eminii 3693
Psorospermum febrifugum 10026
Rubia 4494
Sophora flavescens 7300
surveys, Qatar 5575
determination
Rheum officinale 7297
spinach 4868
metabolism, tissue culture, *Cinchona ledgeriana* 571
production
techniques
Ceratostigma 2022
Dentaria micrantha 2022
tissue culture
Lithospermum erythrorhizon 8259
Morinda lucida 2793
reviews
Cassia angustifolia 5590
Cassia senna 5590
toxicity, horticultural crops 3186
Radishes
bolting
physiology 5230
temperature 5231
cold, resistance, physiology 3916
cultivars
assessment
Japan 8811
Libya 2337
Netherlands 6926, 7756
polar regions 6850
USSR 6850
characteristics, Korea Republic 5221
diseases 975, 984, 9668
disorders 7756
pests 7755
physiology 5230
protected cultivation 7756
shade 4182
cultural methods
Korea Republic 5221
Mauritius 2334
diseases
Alternaria brassicae 984, 8816
beet western yellows virus 9668
Peronospora parasitica 8816
Plasmodiophora brassicae 975
Rhizoctonia solani 985, 8813-8814
Streptomyces 259
disorders, woolliness 7756
flowers, development, growth regulators 6010, 6930
growing media
composition 4142, 9667
microorganisms 9667
growth regulators
AMP, physiology 3329
cytokinins
metabolism 986
physiology 3329
responses 7493
dichlorophenoxytriethylamine, responses 5229
thidiazuron, responses 7493
handling, techniques 9609
harvesting, harvesting date, sowing date 7757
herbicides, injuries 4139, 5222
insecticides
application 6008
residues 5224
intercropping, *Curcuma longa* 4477
irrigation, responses 258
leaves
histology 3324
physiology 9670
mulching, materials 5959
nutrients, absorption, physiology 2407
nutrition 6927
aluminium 5819
boron 8806
calcium 3262
iron 2406
magnesium 2406
manures 3261
nitrogen 258, 3262, 3328, 4184, 8816
phosphorus 3328
potassium 258, 3328
sulphur 3328
pesticides, residues 3908
pests
Delia radicum 6007-6008, 6928, 7755
Lipaphis erysimi 260
Lygus pratensis 7755
photoperiodism 5230
photosynthesis
biochemistry 210
carbon dioxide 6929
physiology 2539
phototropism 9671-9672
plant
composition 261
enzymes 5225-5227, 6009, 7761, 8815, 9665
heavy metals 4142
lead 8723
nitrogen 9668
polyamines 3917

Radishes *cont.*
plant *cont.*
composition *cont.*
proteins 4268, 7760
volatile compounds 7762
development
apical dominance 6930, 9669
histology 9669
planting, seasons 8816
pollution
acids 4183, 8812
arsenic 9333
copper 9333
lead 6006, 8723, 9333
ozone 7686, 8812
phthalates 6639-6640
sulphur dioxide 7810
protected cultivation
carbon dioxide 6929
cultivars 7756
cultural methods 1656
energy conservation 8471
irrigation 258
light 9666
nutrition 258
planting stock 1702
systems
greenhouses 929
plastic film 1536, 5958
temperature 9666
respiration, physiology 2539
roots
biochemistry
irrigation 258
nutrition 258
development, growth regulators 5228
mechanical properties, assessment 934
physiology 2407, 7759
ultrastructure 7759
seedlings
development
growth regulators 986
salinity 7758
production, cultural methods 1702
seeds
development 1703
dormancy, biochemistry 2405
germination
anaerobiosis 6069
biochemistry 1701, 2405, 3255
growth regulators 5229
inhibitors 2147
oxygen 6070
physiology 7472
salinity 6856, 7758
production
cultural methods 984, 3330, 8816
pests 260
sowing, sowing date 7757
storage 5162
treatment 5231, 6928
shade, responses 4182
soil compaction, responses 5221
soil pH, responses 6927
soilless culture
growing media 9667
systems, assessment 5223
stecklings, production 3330
storage, systems, assessment 211
weed control 5222
Radopholus citrophilus
citranges 6461
Citrus 4648
Radopholus similis
bananas 659-660
Citrus 1413
Radula perrottetii, plant, composition, cytotoxic compounds 2804
Rain
injuries, coconuts 8386
responses, plants 3896
Ramalina yasudae, tissue culture, metabolites, production 4596
Rambutans
plant, morphology 10114
reports
Australia 4817
Malaysia 3884
Rambutans *cont.*
research, Sri Lanka 2896
Ramie (*see Boehmeria nivea*)
Randia dumetorum, plant, composition, saponins 8279
Rangaeris amaniensis, chromosomes 9055
Ranunculaceae, plant, composition 1282
Ranunculus
breeding, France 4407
cut flowers
economics, Italy 4386
production
cultural methods 7979
protected cultivation 4408
diseases
control 7979
Italy 5451
pests, control 7979
plant, composition, lactones 1288
planting stock
production
techniques 4407
tissue culture 4409
Ranunculus asiaticus
cut flowers, production, cultural methods 2611-2613
growth regulators, GA, responses 2612-2613
nutrition 2613
seeds, germination 2610
tissue culture, propagation, techniques 5452
tubers, production, cultural methods 2611-2613
Ranunculus bulbosus, plant, composition, lactones 1288
Ranunculus repens, as weeds, plums 9519
Ranunculus sceleratus, plant, composition 4528
Raphanus (*see also* Radishes)
Raphia, taxonomy 6342
Raphia africana, characteristics 6342
Raphia hookeri
fruits
development
biochemistry 1388
histology 1388
seedlings, production, cultural methods 5654
seeds, treatment 5655
Raphia mambillensis, characteristics 6342
Raphia regalis, seeds, treatment 5655
Raphia ruwenzorica, characteristics 6342
Raphia sudanica, seeds, treatment 5655
Raphia vinifera
seedlings, production, cultural methods 5654
seeds, treatment 5655
Rapicactus, taxonomy, morphology 8044
Raspberries
cultivars
assessment 139
Bulgaria 9543
Poland 2281
USSR 5903-5905, 9543
characteristics
Hungary 9540
USA 4060
diseases 3196, 4060, 9547
growth 4059
history, USSR 131
mechanical harvesting 8639
nutrition 2285, 6789
pests 6790
processing 4060
propagation 2282
pruning 4061
winter hardiness 139, 878
cultural methods
Belgium 3188
France 6789
Israel 7607
mechanization, reviews 3197
diseases
Didymella applanata 9547
Phragmidium rubi-idaei 3196
dormancy, growth regulators 9548
flowers, initiation, histology 7608
frost
resistance
growth regulators 2284
Raspberries *cont.*
frost *cont.*
resistance *cont.*
nutrition 2283
fruits
composition 870
development
growth regulators 8637
histology 9386
nutrition 8638
pruning 7603, 8638
mechanical properties, assessment 9549
quality
growth regulators 2284
nutrition 2284
fungicides, residues 2287
growth regulators
chlormequat, responses 2284
GA, responses 7605, 9548
paclobutrazol, responses 7605, 9548
paraquat, responses 9545
handling, techniques 7651
harvesting, techniques, mechanical harvesting 3197, 4063, 7609, 8639
herbicides
injuries 5077
responses 9544
tolerances 49
insecticides, determination 38
leaves, drop, growth regulators 7605
nutrition
calcium 2283, 2285
manures 9546
nitrogen 2283, 2285, 8638, 9546
phosphorus 2283, 2285
potassium 2283, 2285
trace elements 2284
pests
Agrotis segetum 6790
Pratylenchus penetrans 2286, 7602
Tetranychus urticae 4062
plant
composition, phenolic compounds 552
development
altitude 5076
phenology 4059
planting, spacing 7601
planting stock, production, tissue culture 2282
pruning
systems 879
assessment 4061, 7601, 7603-7604, 8636, 8638
growth regulators 9545
replanting, pests 7602
reports
Australia 6609
Cyprus 9316
Irish Republic 9317
Netherlands 6616
New Zealand 6617
Switzerland 15, 7461
UK 4825, 6621, 9320
rotations 1276
shoots
development
growth regulators 8637
light 7606
storage
quality, cultural methods 5078
systems, assessment 5078
tissue culture
propagation
meristems 8635
micropropagation 2129, 2282
training, systems 7601, 7604, 8639
weed control 5077, 6791, 9544
winter hardiness, pruning 7603
Ratooning
bananas 5737
sugarcane 705, 10188
Rats
oil palms 1493
reports, Australia 4816
rubber 2092
Rattus argentiver, oil palms 1493
Rattus rattus
coconuts 8390
oil palms 1493

Rattus tiomanicus, oil palms 1493
Rauvolfia, plant, composition, alkaloids 9145
Rauvolfia caffra, tissue culture, biochemistry 7296
Rauvolfia mannii, tissue culture, biochemistry 7296
Rauvolfia media, plant, composition, alkaloids 8280
Rauvolfia serpentina
plant, composition, alkaloids 5567
tissue culture
biochemistry 7296, 9933
metabolites, production 5626
Rauvolfia verticillata, tissue culture, biochemistry 7296
Rauvolfia vomitoria, plant, composition, alkaloids 5627
Rauwolfia (*see Rauvolfia*)
Rebutia, protected cultivation, temperature 2647
Rebutia minuscula, flowers, initiation 9884
Rebutia pseudodeminuta, flowers, composition 9036
Red currants
cultivars, yields 2273
cultural methods, Belgium 3188
cuttings 4057
economics, Czechoslovakia 3921
fruits
composition 870
development, histology 9386
drop 7598
leaves, composition 5902
nutrition
manures 2275
nitrogen 2275-2276
phosphorus 2275
potassium 2275-2276
planting, spacing 2273
reports
Canada 9313
German Federal Republic 8456
Netherlands 6616
UK 4825
weed control 137, 9536
Refuse compost
utilization
fertilizers, vegetables 289
growing media, horticultural crops 1544
mulches, apples 3103, 9417
soil amendments, grapes 8699
Regeneration
nutrition, *Citrus* 623
oversowing, lawns and turf 6256, 8005
pruning
olives 10101
peaches 4019, 5010
replanting
coconuts 6531, 9265
lawns and turf 6256, 9028
olives 10101
techniques, *Piper betle* 2823
topworking, *Citrus* 623
Rehmannia glutinosa
roots, composition 9192-9193
tissue culture, biochemistry 8281
Renanthera auyongii, characteristics 8050
Replanting
cultural methods
coconuts 6531
oil palms 9275
disorders, apples 5847-5848
economics
apples 5849
sugarcane 8418
pests, raspberries 7602
Reports (*see also* Yearbooks)
Argentina
Estación Experimental Agro-Industrial Obispo Colombres de Tucumán 9314
Estación Experimental Regional Agropecuaria INTA Alto Valle 741
Australia
Bureau of Sugar Experiment Stations 4816
Irrigation Research Institute, Tatura 6608
Reports *cont.*
Australia *cont.*
Sandy Trout Food Preservation Research Laboratory 4817
Sunraysia Horticultural Research Institute 6609
University of Sydney, Department of Agronomy and Horticultural Science 6607
Belgium
Centre de Recherches Agronomiques de l'Etat, Gembloux 742
Comité voor Onderzoek op Groentegewassen 8452
Onderzoek- en Voorlichtingscentrum voor Land- en Tuinbouw 8453-8454
Brazil
Centro Nacional de Pesquisa de Mandioca e Fruticultura 743
Empresa Catarinense de Pesquisa Agropecuária 2121
Empresa de Pesquisa Agropecuária de Minas Gerais 6610
Canada
Agriculture Canada, Research Branch 4818
Alberta Horticultural Research Center 6611, 9313
Kentville Research Station 3881
Prairie Farm Rehabilitation Administration, tree nursery division 6612
Simcoe Horticultural Experiment Station 11
Colombia, Instituto Colombiano Agropecuario 3020
Commonwealth Institute of Biological Control 12
Cuba, Estación Experimental de Cítricos, Jagüey Grande 9315
Cyprus, Agricultural Research Institute 9316
Fiji, Ministry of Primary Industries 3021
France
Institut de Recherches sur le Caoutchouc (IRCA) 3882
Union Nationale Interprofessionnelle des Légumes de Conserve 8455
German Federal Republic, Fachhochschule Weihenstephan und Versuchsanstalt für Gartenbau Weihenstephan 8456
Ghana, Cocoa Research Institute 2122
India
Associated Agricultural Development Foundation 6613
Central Plantation Crops Research Institute 1531
Gujarat Agricultural University, Junagadh College of Agriculture 6614
Indian Institute of Horticultural Research, Bangalore 3022
Tea Research Association 725-726
United Planters' Association of Southern India, Tea Scientific Department 4819, 5801
University of Agricultural Sciences, Hebbal, Bangalore 717, 6615
International Rubber Research and Development Board 8457
Irish Republic, An Foras Talúntais 3883, 9317
Israel
Ben-Gurion University of the Negev 744
Institute of Horticulture 7459
Italy, Università di Pisa 1532
Jamaica, Coconut Industry Board Research Department 4820
Japan, Society of Plant Protection of North Japan 3954, 4285
Kenya, Tea Research Foundation 1533
Malaysia
Rubber Research Institute of Malaysia 13
State of Sabah, Department of Agriculture 3884, 4821
Reports *cont.*
Mauritius, Mauritius Sugar Industry Research Institute 4822
Netherlands
Laboratorium voor Bloembollenonderzoek 14
Research Station for Fruit Growing 6616
New Zealand, Levin Horticultural Research Centre 6617
Nigeria, Cocoa Research Institute 6618
Norway, Norges Landbruks Vitenskapelige Forskningsråd 745
Portugal, Instituto Nacional de Investigação Agrária e de Extensão Rural 7460
Sarawak, Department of Agriculture, Research Branch 6619
South Africa
Citrus and Subtropical Fruit Research Institute 3024, 9318
Director-General, Agriculture 6620
South African Sugar Association Experiment Station 1534
Spain, Estación Experimental del Zaidín 4823
Sri Lanka
Rubber Research Institute of Sri Lanka 1535
Tea Research Institute 2123
Switzerland
Centre d'Arboriculture et d'Horticulture des Fougères 7461
Eidgenössische Forschungsanstalt für Obst-, Wein- und Gartenbau 15
Syria, Arab Centre for the Studies of Arid Zones and Dry Lands, Plant Science Division 16
Taiwan
Asian Vegetable Research and Development Center 3323, 8458
Institute of Botany, Academia Sinica 300
UK
Agricultural Development and Advisory Service, bulbs and allied flower crops 4824
Agricultural Development and Advisory Service, field vegetables 4826
Agricultural Development and Advisory Service, fruit and hops 4825
Agricultural Development and Advisory Service, protected crops, ornamentals 4827
Agricultural Development and Advisory Service, protected crops, vegetables 4828
Department of Agriculture for Northern Ireland 9319
East Malling Research Station 3025
East of Scotland College of Agriculture, horticultural experiments 6621
Glasshouse Crops Research Institute 3885
National Institute of Agricultural Engineering 8459
National Vegetable Research Station 3886, 6622
Northern Ireland Department of Agriculture, Horticultural Centre, Loughgall 9320
Processors and Growers Research Organisation 746-747, 3023
Scottish Crop Research Institute 4829
USA
Hawaiian Sugar Planters' Association 3887
Michigan State University, Department of Horticulture 6623, 9321
Yugoslavia, Kmetijski Inštitut Slovenije 7462
Reseda odorata, seeds, germination, water relations 4364

Resins
composition
Balanites aegyptiaca 6588
Ferula gummosa 1968
Ononis natrix 4576
Zornia gibbosa 5647
metabolism, seasonal variation, *Zingiber officinale* 5536
production, cultural methods, *Parthenium argentatum* 5651-5652
Respiration
biochemistry
Iris 7981
Opuntia dejecta 3562
peas 2485, 3378, 5292
Petunia 4358, 7981
spinach 948
carbon dioxide, *Phaseolus vulgaris* 6050
cultivars, pecans 3176
diurnal variation, cherries 101
environment, tomatoes 7010
ethylene
carrots 5357
Chinese cabbages 7752
flooding, *Vaccinium* 8644
flowering
carnations 2581
cherries 101
germination, peas 4251
inhibitors
apples 1591
Capsicum 1591
watermelons 5234
light, cucumbers 2439
nitrogen, tomatoes 2529-2531
photorespiration
lettuces 3316
peas 330, 4259, 5292-5293
strawberries 1633
tomatoes 9756
physiology
apples 8548
cabbages 2539
Gerbera 7933
Iris 7980
Phaseolus vulgaris 4216
radishes 2539
tomatoes 2539
vegetables 7715
pollution, pot plants 6263
ripening
apples 1591
Capsicum 1591
senescence, grapes 2324
steroids, *Vicia faba* 4232
storage
apples 2215, 7551
Asparagus 4286
mangoes 9273
pears 3175
temperature
Chinese cabbages 7752
cucumbers 2439
grapefruits 3760
Lentinus edodes 2350
plants 9372
strawberries 2350
vegetables 2348, 2350
Reunion, strawberries, cultural methods 4074
Reviews
Actinidia chinensis, research, Italy 5070
alkaloids
composition
Crinum 443
Fumaria 8239
apples, pests, control 3952
ascorbic acid, determination, apples 5867
Bactris gasipaes 5784
blackberries, cultural methods, mechanization 3197
Borassus 1523
Catha edulis 2024
Ceroplastes floridensis, Citrus 6479
Chrysanthellum indicum 3676
Chrysothamnus nauseosus 10044
Cinchona 4557
Reviews *cont.*
Citrus
diseases, biological control 2859
pests, biological control 2859
rootstocks 4631
cocoa 7399
plant residues, utilization 4726
processing, residues 2078
coconuts, nutrition, deficiency 2907
coffee
breeding 10136
cultural methods 10134
nutrition 10144
cold, injuries 753
Coleus, breeding 1827
cut flowers
development, environment 7905
responses, ethylene 3477
storage 7901
drought, responses, fruit crops 2145
Erythroxylum 9176
essential oils
Ageratum conyzoides 3627
Alpinia galanga 5539
Alpinia officinarum 5539
biochemistry 2732
Boenninghausenia albiflora 3627
carnations 5386
celery 2734
Cymbopogon 3627
Elettaria cardamomum 5539
Eucalyptus 3627
Geranium macrorrhizum 2737
grapefruits 2734
Juniperus macropoda 3627
limes 505
mandarins 505, 5539
Mentha 3627
Mentha piperita 5539
Myristica fragrans 505
Ocimum 3627
Ocotea pretiosa 505
Pavetta indica 3627
Pelargonium 2734
Pinus 3627
Rosmarinus officinalis 2743
Roylea elegans 3627
Tagetes 2745
Tanacetum balsamita 5539
Valeriana officinalis 2734, 3627
ferns, plant, composition 2640
fertilizers, application, irrigation, horticultural crops 7464
flavonoids
composition
Labiatae 7256
sugarcane 720
flowers
development
growth regulators 6669
grapes 9598
initiation, physiology, *Litchi* 7368
frost, resistance 2143
fruit crops
nutrition 6657
water relations 3911
fruits
development, growth regulators, dates 648
quality, nutrition 6675
set
growth regulators, grapes 9598
physiology, *Litchi* 7368
grading, techniques, vegetables 2352
grapes
cultural methods, mechanization 3233
diseases, biological control 2315
pests, biological control 2315
research, India 151
greenhouses
climate, control 4850
energy conservation 7485
growing media, composition, mushrooms 407, 2561
growth regulators 6671
adenosine phosphates, physiology 7494
application, fruit crops 9381
chlormequat, responses, pot plants 3502
Reviews *cont.*
growth regulators *cont.*
daminozide, responses, pot plants 3502
ethylene, biosynthesis 7907
gibberellins, physiology, peas 6977
paclobutrazol
responses 3473
ornamental plants 7894
polyamines, physiology 1546
responses
subtropical fruits 7381
tropical fruits 7381
Guatteria gaumeri, plant, composition 1974
harvesting, techniques, mechanical harvesting, fruit crops 770
Hippophae rhamnoides 7654
integrated control
pests
Actinidia 7490
avocados 7490
Citrus 8333
Macadamia 7490
mangoes 7490
subtropical fruits 6476
iron, deficiency, grapes 3241
irradiation, ionizing radiation, horticultural crops 6674
irrigation, fertilizers, application, horticultural crops 7464
lactones, composition, Umbelliferae 9370
latex, biosynthesis 10183
Lilium, breeding, techniques 7982
Lilium longiflorum 6241
breeding 5441
lipids, biosynthesis 8494-8495
loquats 6502
mangoes
cultivars 10154
cultural methods 10150
production 10149
mechanically induced stress, horticultural crops 6051
medicinal plants 5574
medicinal properties, *Chamomilla recutita* 2775
molluscicides, sources 6345
Murraya koenigii, products 3606
mushrooms, quality 7889
mycorrhizas 2141
Myrtaceae 4743
nitrogen, nutrition, *Citrus* 7335
oilseeds 2018
Orchidaceae, plant, morphology 9058
organic acids, composition, grapes 9603
ornamental plants, diseases, control 7895
Palmae, products 9213
Parthenium argentatum, irrigation 3728
peaches
diseases, decline 107
propagation, techniques 4988
persimmons 8360
pesticides, residues, medicinal plants 3907
phosphorus, nutrition, coconuts 3796
photosynthates, translocation 767
photosynthesis
biochemistry
peas 7817
spinach 7817
light, plants 4867
phytochelatins 9933
pineapples
diseases, control 4770
pests, control 4770
plant
development, physiology, mangoes 10164
sex, physiology 1552
planting stock, production, techniques 5809
plants, products 9932
pollination, pome fruits 5790
pollution, injuries, grapes 166
polyacetylenes, Araliaceae 3069
potassium, nutrition, grapes 3239

Reviews *cont.*
- protected cultivation, cultural methods, Italy 2124
- quinones
  - composition
    - *Cassia angustifolia* 5590
    - *Cassia senna* 5590
- raspberries, cultural methods, mechanization 3197
- *Rhododendron*
  - cuttings, cultural methods 2694
  - seedlings, production 2693
- robots, utilization 3074
- roots
  - physiology
    - subtropical fruits 7380
    - tropical fruits 7380
- salinity, responses, fruit crops 8316
- saponins, characterization, plants 2757
- seedlings
  - planting, techniques, vegetables 2338
  - production, cultural methods 4837
- seeds, sowing, techniques, vegetables 2338
- senescence
  - growth regulators, cut flowers 7908
  - physiology
    - carnations 7914
    - cut flowers 7910
- soilless culture, systems, tomatoes 9747
- Solanaceae, wild plants, surveys 8720
- storage
  - systems
    - assessment, small fruits 5078
    - cold storage
      - apples 7548
      - subtropical fruits 5735
      - tropical fruits 5735
- subtropical fruits
  - disorders, chilling injury 8370
  - plant, physiology 7311, 7377
- sugarcane
  - cultural methods 6565, 8418
  - plant, development, environment 4781
- tea
  - nutrition 9302
  - processing, residues 2100
- temperate fruits
  - cultural methods 6682
    - mechanization 4917
- terpenoids, characterization 507
- tissue culture
  - propagation
    - abnormalities 3466
    - micropropagation 2129
      - nut crops 6680
    - techniques, fruit crops 750
- transpiration, physiology, horticultural crops 2144
- tropical fruits
  - cultural methods, agroforestry 654
  - disorders, chilling injury 8370
  - plant, physiology 7311, 7377
- *Vaccinium*, cultural methods 6792
- vegetables
  - cultural methods, mechanization 3256
  - quality, nutrition 6675
- *Verticillium dahliae*, globe artichokes 6892
- water relations
  - measurement, horticultural crops 3071, 3909
  - physiology
    - subtropical fruits 8317
    - tropical fruits 8317
- woody plants, pollution 5482

Rhagoletis mendax, *Vaccinium* 7627

Rhagoletis pomonella, apples 2184, 3110, 3961

Rhamnus catharticus, fruits, composition 1359

Rhapanus, as weeds, onions 8753

Rhaponticum carthamoides, plant, composition, steroids 8282

Rhazya orientalis, shoots, histology 8283

Rhazya stricta
- fruits, composition 8285

Rhazya stricta *cont.*
- plant, composition, alkaloids 8284, 10027
- roots, composition 8286

Rhenium, nutrition, sugarcane 714

Rheum (*see also* Rhubarb)

Rheum officinale
- plant
  - composition
    - glycosides 7297
    - quinones 7297

Rheum palmatum, plant, composition 1290

Rhinanthus angustifolius, plant, composition, flavonoids 5628

Rhipsalidopsis, species, characteristics 6266

Rhipsalis, species, characteristics 6266

Rhipsalis paranganiensis, characteristics 1834

Rhipsalis warmingiana, plant, composition, pigments 223

Rhizobium
- inoculation
  - *Cyamopsis tetragonoloba* 313
  - peas 4253-4254
  - *Phaseolus vulgaris* 4207, 6042

Rhizobium leguminosarum
- inoculation
  - peas 1039, 3374, 4250
  - *Vicia faba* 2473

Rhizobium phaseoli, inoculation, *Phaseolus vulgaris* 6043

Rhizoctonia
- *Callistephus chinensis* 8995
- strawberries 5085

Rhizoctonia carotae, carrots 6157

Rhizoctonia fragariae, strawberries 5089

Rhizoctonia solani
- carrots 399
- cauliflowers 4175
- coffee 2924, 9269-9270
- control, of *Meloidogyne incognita,* tomatoes 372
- *Cyclamen* 4379
- globe artichokes 6893
- *Impatiens walleriana* 430
- *Iris* 5440
- lettuces 4166, 5985
- *Lilium* 7144
- *Nephrolepis exaltata* 458
- ornamental plants 2574
- *Phaseolus vulgaris* 4212
- radishes 985, 8813-8814
- strawberries 5089
- tomatoes 2535
- *Trigonella foenum-graecum* 2810

Rhizoctonia stahlii, mycorrhizas, *Dactylorhiza* 4429

Rhizomes
- development
  - growth regulators
    - *Alstroemeria* 3539
    - *Zingiber officinale* 9125
  - light, *Achimenes* 3538
  - physiology, *Smilacina racemosa* 5454
- treatment
  - cold, *Liatris spicata* 1165, 3541, 7999
  - growth regulators
    - *Achimenes* 3537
    - *Liatris spicata* 7999

Rhizopus
- apples 4949
- grapes 2317

Rhizopus stolonifer
- peaches 3163, 4023
- vegetables 925

Rhizosphere
- biology, insecticides, sugarcane 712
- microorganisms, sugarcane 711

Rhodiola algida, plant, composition 3706

Rhodiola rosea
- plant
  - composition 3706
    - flavonoids 6424
    - terpenoids 6425

Rhododendron
- books 6593
- breeding, interspecific hybridization 5495

Rhododendron *cont.*
- cultivars
  - characteristics
    - Belgium 9083
    - Japan 1865
    - USA 8074
  - flowering 1870
  - growth 1870
  - growth regulators 1224
  - identification 9900
  - nomenclature 2691
  - pot plants 7198
  - winter hardiness 1869, 6301
- cultural methods
  - Australia 1864
  - containers 5497
  - pot plants 413, 418, 483-484, 1224, 1868, 1871, 7184, 7197-7198, 9084-9085
- cuttings 1211
  - cultural methods, reviews 2694
  - micropropagation 6300
  - rooting
    - growing media 6300
    - light 1223
  - types, summer cuttings 5480
- diseases
  - *Phytophthora cinnamomi* 2696
  - *Pycnostysanus azaleae* 3582
  - USA 2695
- flowers
  - anatomy 2698-2699
  - colour
    - biochemistry 4448
    - cultivars 1870
    - genetics 5495
    - spectral data 5378
  - development 483-484
    - growth regulators 1868
  - initiation
    - growth regulators 5377
    - photoperiodism 5377
- forcing 1871
- frost
  - injuries 1869
    - assessment 9086
- growing media, composition 410
- hybrids, germination 2692
- nectaries 2698
- nutrients, requirements, analysis 6628
- pests
  - *Aphelenchoides fragariae* 9085
  - *Graphocephala coccinea* 3582
  - *Otiorhynchus* 5376
  - *Otiorhynchus sulcatus* 6291
- plant
  - composition
    - essential oils 8076
    - flavonoids 8077
- planting stock
  - production
    - containers 1867, 8060
    - protected cultivation 1223
    - techniques 7196, 8074
- pollination, compatibility 2692
- seedlings, production, reviews 2693
- shoots
  - development, cultivars 1870
  - morphology 2697
- species
  - characteristics, books 4797
  - winter hardiness 6301
- taxonomy
  - chemotaxonomy 8077
  - morphology 2697, 2699
- tissue culture
  - explants, sources 5496
  - propagation, micropropagation 3581, 7195
- yearbooks 3013

Rhododendron akebono, frost, resistance, tests 1225

Rhododendron arboreum, plant, composition 4532, 9964

Rhododendron calophytum, diseases, *Guignardia philoprina* 5498

Rhododendron catawbiense
- diseases, *Chalaropsis thielavioides* 1866
- grafting, unions, diseases 1866

Rhododendron indicum
cultivars
light 9901
nutrition 9901
nutrition, nitrogen 9901
Rhododendron japonicum, hybrids, assessment, Japan 5495
Rhododendron kawakamii
pollination 2693
seeds, development, embryology 5499
Rhododendron keiskei, hybrids, assessment, Japan 5495
Rhododendron kiusianum
cold, resistance, physiology 8075
frost, resistance, tests 1225
Rhododendron konori, seedlings, development 2693
Rhododendron linearifolium, frost, resistance, tests 1225
Rhododendron lochae, seedlings, development 2693
Rhododendron luteum, plant, composition, flavonoids 5579
Rhododendron maximum, shoots, development 3583
Rhododendron mucronatum, frost, resistance, tests 1225
Rhododendron ponticum, water relations, physiology 4447
Rhododendron pulchrum, hybrids, assessment, Japan 5495
Rhododendron retusum, seeds, development, embryology 5499
Rhododendron ripense, frost, resistance, tests 1225
Rhododendron scabrum, frost, resistance, tests 1225
Rhododendron simsii
cultivars, herbicides 5374
cultural methods, pot plants 3577
herbicides, injuries 5374
weed control 5374
Rhododendron smirnowii, diseases, *Guignardia philoprina* 5498
Rhododendron tashiroi
frost, resistance, tests 1225
hybrids, assessment, Japan 5495
Rhododendron yedoense, cuttings 6299
Rhoeo
protected cultivation, systems, greenhouses 1112
water relations, cytology 1548
Rhoicissus, growing media 4423
Rhubarb
cultivars
assessment 3395
Netherlands 7831
forcing 7831
processing 7831
plant, composition 344
propagation 1055
reports, UK 4826
yields, propagation 1055
Rhus chinensis
leaves, composition 1992
plant, composition 1290
Rhus choriophylla, products, fuels 4610
Rhus javanica, plant, composition, tannins 555-556
Rhus typhina
pollution
hydrogen fluoride 4435
ozone 4435
seeds, treatment 1892
Rhynchelytrum repens, as weeds, oranges 5675
Ribes (*see also* Black currants; Gooseberries; Red currants; White currants)
conferences 7454
herbicides, tolerances 49
ornamental plants, reports, UK 3025
wild plants, surveys, China 6678
Ribes alpinum, cuttings, treatment 3571
Ribes aureum, planting stock, production, techniques 9091
Ribes sanguineum, planting stock, production, techniques 9091
Ribes viburnifolium, leaves, development, phyllotaxy 6666
Richardia brasiliensis
as weeds
rubber 2953
sugarcane 1509
Rigidoporus lignosus
reports, France 3882
rubber 1503, 4776-4777, 8416
Ringing
responses
apples 2192, 4935
Citrus 6462
grapes 900, 5952, 9576
Litchi 3769, 7367, 8348
Macadamia 2886
mangoes 10166
peaches 1611
persimmons 6509
sour oranges 10073
techniques, grapes 9576
Roadside plants, nutrition, trace elements 7224
Robinia fertilis, nutrition, nitrogen 2679
Robinia hispida, planting stock, production, protected cultivation 2675
Robinia pseudoacacia
cuttings, types, root cuttings 496
landscaping, industrial sites 4431
nutrition, nitrogen 2679
planting stock, production, protected cultivation 2675
pollen, germination, amines 415
pollution
hydrogen fluoride 4435
ozone 4435
roots, morphology 9914
Robiquetia, chromosomes 1202
Robots
utilization
grading, apples 4952
harvesting
fruit crops 769, 2148
tomatoes 387, 2542-2543
horticulture 4836
planting, bedding plants 7892
propagation, horticultural crops 8468
reviews 3074
tissue culture, plants 9330
Rock gardens, ornamental plants 1109, 7085
Rockwool
utilization
growing media
Bouvardia 2708
Camellia japonica 5487
Capsicum 6088
carnations 8975-8976
chrysanthemums 6201
cucumbers 2426, 6940, 8822, 9680
Euphorbia fulgens 5512
Gerbera 1771, 7930
greenhouse crops 6124, 6656
lettuces 1691
ornamental plants 1077
pot plants 9037
roses 5500, 5502, 5504
tomatoes 1077, 6125, 8822, 8926, 9746
vegetables 5961
Vigna unguiculata 6980
soilless culture, tomatoes 360
Rodgersia, cultivars, assessment, German Federal Republic 9787
Rollinia jimenezii, as rootstocks, *Annona reticulata* 6514
Romania
apricots, cultivars 6737, 7554
cabbages, cultivars 249
cherries
cultivars 3994
rootstocks 4966
essential oil plants, cultivars 1259
grapes, cultivars 899, 3220, 4098, 7659
Hippophae rhamnoides, cultivars 7657
hops, cultivars 1269
lettuces, cultivars 7733
medicinal plants, cultivars 1259
nectarines, cultivars 9487
peaches, cultivars 9487
Phaseolus vulgaris, cultivars 6956
Romania *cont.*
plums, cultivars 862
spinach, cultivars 7733
Romulea, plant, composition, phenolic compounds 9785
Roots
biochemistry
growth regulators, beetroots 947
irrigation, radishes 258
nutrition, radishes 258
salinity, *Citrus* 3750
development
assessment
Actinidia chinensis 134
almonds 3927
apples 3111
aubergines 7845
Citrus 7351
grapes 185
limes 5701-5702
Platycodon grandiflorus 5421-5422
poinsettias 4446
tamarinds 731
tung 2895
biochemistry
chicory 5199
peas 1721
cultivars, tea 4789
cultural methods
apples 5842
lemons 10082
cytology, onions 6874-6875, 7712
flowering
cucumbers 7873
tomatoes 7873
fruiting
cucumbers 7873
tomatoes 7873
growth regulators
apples 4905
carnations 7913
carrots 7883
Gladiolus 7139
peaches 9491
Pharbitis nil 1774
Phaseolus vulgaris 1024
radishes 5228
roses 5501
histology
Boehmeria nivea 7248
grapes 902
onions 7711
intercropping
Syzygium aromaticum 3854
tea 3854
interstocks, apples 793
irrigation
avocados 5658
Capsicum 5243, 5311
grapefruits 5678
grapes 913
lemons 9224
limes 5702
melons 3341, 5243
oranges 5680
peaches 5006
Pyracantha coccinea 6322
Stenotaphrum secundatum 1178
sugarcane 5769
light, *Gladiolus* 7139
mulching
coffee 2915
satsumas 5682
nutrition
Capsicum 4294
lemons 10082
Phaseolus vulgaris 4211
physiology, oranges 3754
planting
Gladiolus 7139
melons 3341
rootstock scion relationships
Citrus 5670
pears 9506
scions, apples 4922
seasonal variation, tea 5780
soil
grapes 185
peaches 4990
Phaseolus vulgaris 1018

Roots *cont.*
development *cont.*
soil *cont.*
satsumas 5685
soil temperature, oranges 3754
soil water
Citrus 10071
oranges 3754
spacing
apples 4900, 4905
bananas 4687
grapes 5144
temperature
cucumbers 275
Gladiolus 7139
Panax quinquefolius 3701
roses 5501
vitamin D, *Phaseolus vulgaris* 6964
water relations, *Tilia cordata* 9929
wounds, woody plants 1212
mechanical properties, assessment, vegetables 934
nodulation
Leguminosae 2679
peas 316-318, 1039, 4250, 7815, 8876
Phaseolus vulgaris 1019, 3356, 6043, 7803, 9700
Vicia faba 304
woody plants 2679
physiology
subtropical fruits, reviews 7380
tropical fruits, reviews 7380
size, spacing, beetroots 945
Rootstock scion relationships
biochemistry
apples 72-73, 2159, 3116
cherries 7558
Citrus 2843
Citrus latifolia 5686
grapefruits 4631, 4657
grapes 7665
limes 5686
compatibility
Annona reticulata 6514
apples 69, 2168, 4896, 9402
Cedrus atlantica 1214
cherries 98, 7558, 9475
Cupressus arizonica 2682
grapes 906, 7665
Larix gmelinii 1214
Larix kaempferi 1214
Magnolia tripetala 1860
pears 2251, 4026, 5030, 5046
Picea breweriana 1214
Picea omorika 1214
Pseudotsuga menziesii 1214
diseases
apples 5833
cherries 6743
grapefruits 9231
grapes 9602
lemons 4630
oranges 1394, 8327
pears 5035, 7574
plums 7580
rubber 6555
flowering, pears 5028
fruiting, peaches 6749
growth
Amelanchier 3595
Annona reticulata 6514
apples 71-72, 790, 2167, 3092, 3095-3096, 3123, 4896, 4898, 4906, 4915, 4922, 5832, 5839, 7504, 8513, 8517
Astrophytum myriostigma 7169
aubergines 6098
cherries 98, 1599, 3995, 4963-4966
Citrus tamurana 10064
clementines 10062
Crataegus pubescens 130
Echinopsis 2658
Ferocactus melocactiformis 7169
grapefruits 3738
grapes 158, 185
limes 5670
mandarins 1398, 4624, 4629
oranges 2842, 7351
peaches 4015, 4994
pears 5031-5036, 9506

Rootstock scion relationships *cont.*
growth *cont.*
plums 5892, 6765
roses 9904
rubber 6555
satsumas 10064
growth regulators
apples 9395
cherries 9395
light, grapes 911
nutrition
Citrus 6463
cucumbers 5248
grapes 6822
lemons 620
mandarins 2039
peaches 4993
pests
apples 806
aubergines 348
physiology
apples 792, 2165, 9413
Cactaceae 8041
Citrus 6471
grapes 2321
peaches 4988, 4992
pears 9413
pruning, apples 4915, 4921
storage, apples 824
temperature
Amelanchier alnifolia 869
apples 5843, 9411
cucumbers 2417
mandarins 1398
pears 1560
temperate fruits 1559
water relations, apples 7541
winter hardiness, cherries 98
yields
apples 785, 790, 2163, 3096-3097, 3123, 4889, 4898, 4906, 4915, 4921, 5832, 5868, 8513
aubergines 6098
cherries 2233
clementines 10062
Crataegus pubescens 130
cucumbers 2424
grapefruits 4631
lemons 4630
mandarins 4624, 4629
oranges 1394, 2842, 5671
peaches 4015, 4993-4994, 4999
pears 5031, 5033-5034, 5036
plums 5892, 6765
roses 8078, 8080
rubber 6555
walnuts 1621
Rosa (*see also* Roses)
frost, resistance, physiology 1873
fruits, histology 7200
landscaping, USA 3570
plant
composition 8148
development, humidity 9790
species
diseases 1226
identification 7200
wild plants, surveys, China 6678
Rosa blanda, reports, Netherlands 6616
Rosa canina
as rootstocks, roses 5507, 8080, 8082
flowers, development, growth regulators 6669
seedlings, selection 5500
seeds
production, pollination 1875
treatment 4450
winter hardiness 9906
Rosa chinensis, tissue culture, propagation, techniques 1229
Rosa damascena, plant, composition, essential oils 3624
Rosa gallica
landscaping, industrial sites 3590
plant, composition, tannins 9958
Rosa glauca, plant, composition, polysaccharides 3072
Rosa majalis, reports, Netherlands 6616
Rosa multiflora
cuttings, treatment, growth regulators 5501

Rosa multiflora *cont.*
shoots, development, growth regulators 3592
Rosa pendulina
reports, Netherlands 6616
winter hardiness 9906
Rosa pimpinellifolia, seeds, production, pollination 1875
Rosa rubiginosa, seeds, production, pollination 1875
Rosa rugosa
plant
composition
essential oils 1917
tannins 556
pollution
hydrogen fluoride 4435
ozone 4435
Rosa sertata × ***Rosa rugosa,*** flowers, development, histology 8081
Rosa villosa, reports, Netherlands 6616
Rosa virginiana, seeds, production, pollination 1875
Rose geraniums (*see Pelargonium*)
Rosellinia, figs 4005
Rosellinia necatrix
almonds 9442
apples 9442
horticultural crops 3925
Rosemary (*see Rosmarinus officinalis*)
Roses (*see also Rosa*)
breeding, China 6302
buds, development, physiology 486
cultivars
assessment, Belgium 8078
characteristics
Canada 7201
German Federal Republic 9902
USSR 9131
cut flowers 4449, 8082
diseases 485, 3584, 4449
growth regulators 7203
pot plants 4452
propagation 1227
protected cultivation 8082
pruning 9909
temperature 1873
winter hardiness 4449
X radiation 5509
cultural methods, pot plants 1123, 1874, 4452
cut flowers
biochemistry 8086, 9911
defoliation 8089
development
biochemistry 8085
diurnal variation 8085
handling 5506
harvesting 8090
microorganisms 8095-8096
physiology 3587
preservatives 3588-3589, 5510, 6186, 7920, 8087-8088
production
Egypt 4455
German Democratic Republic 4449
propagation 2700
protected cultivation 2341, 3589, 4451, 5503-5505, 5507, 6176, 6303, 6656, 7203, 8078, 8080, 8082, 9088, 9905, 9908-9909
senescence 7906, 8086-8087, 8093, 9911
storage 2702, 5510, 8083-8084
vase life 3589, 5511, 7920, 8083, 8086, 8088-8092, 8094-8095, 9911
water relations 8092, 8096
cuttings 7202
development, assessment 1872
rooting
cultivars 9903
histology 1556
water relations 1227
sources, assessment 526, 1872
treatment, growth regulators 526
types, summer cuttings 1228
diseases
Botrytis cinerea 2702, 5506

Roses *cont.*
diseases *cont.*
Diplocarpon rosae 485, 4449, 7201
Diplodia rosarum 3584, 4453
Sphaerotheca pannosa 4449, 7201
Sphaerotheca pannosa var. *rosae* 5251
flowers, development, growth regulators 3586
frost
injuries 412, 9090
resistance, physiology 1873
fruits, development, growth regulators 4454
growth regulators
BA, responses 7203
GA, responses 4454, 7203
irrigation
carbon dioxide, application 6303
water, composition 9908
mutants
induction
gamma radiation 6302
X radiation 5509
mycorrhizas 8079
nurseries, cultural methods 470
nutrition, phosphorus 8079
pests, *Meloidogyne hapla* 3585, 5507
photosynthesis, temperature 9910
plant
composition
photosynthates 9910
proteins 41
development, assessment 7199
planting stock
defoliation 4434
production
techniques 2701, 5501
tissue culture 2700, 5502
protected cultivation
carbon dioxide 5505
cultivars 8082
cultural methods 1874, 9087, 9907
light 6851
microclimate 6643
planting stock 8082
propagation 5502
rootstocks 8080
spacing 8080, 9905
systems, greenhouses 4451
pruning, systems, assessment 9909
reports
India 3022, 6615
USA 6623
rootstock scion relationships
growth 9904
yields 8078, 8080
rootstocks
cultural methods 2701
pests 3585
propagation
cuttings 5501
seeds 5501
techniques 5500
storage 2701
seeds, development, growth regulators 4454
soilless culture
cultural methods 8727
nutrition 5504
tissue culture
propagation, micropropagation 2129, 2700
protoplasts 5508
water relations, measurement 9366
weed control 9907
winter hardiness, biochemistry 9906
Rosioglossum grande, growing media, composition 6279
Rosmarinus officinalis
plant
composition
essential oils 2743, 4515, 5537-5538
organic acids 527
development, phenology 7093
production, Morocco 9934
tissue culture
biochemistry 4496
metabolites, production 4515
trichomes 6181
Rotenoids, composition, *Lonchocarpus salvadorensis* 1926
Rotylenchulus reniformis
cucumbers 9685
pineapples 4770
Rough lemons
as rootstocks
Citrus 2039
Citrus latifolia 5686
grapefruits 3738, 8344, 9231
lemons 620
limes 5670, 5686
oranges 6470-6471, 7351, 8327
cultivars, diseases 7319-7320
diseases
Oidium tingitaninum 7320
Sphaeropsis tumefaciens 9236
fruits, cytology 640
growth regulators, paclobutrazol, responses 5684
leaves, cytology 4833
nutrients, absorption, assessment 2039
nutrition
calcium 7336-7337
nitrogen 10063
phosphorus 9228
pests, *Belonolaimus longicaudatus* 2861
salinity, tolerances 5664
seedlings
irrigation, containers 1403
production, containers 1403
treatment, bacteria 619
seeds
development, cytology 2875
treatment 2841
shoots, development, growth regulators 5684
Roylea elegans, plant, composition, essential oils 3627
Roystonea regia, handling, techniques 10039
Rubber
climate
microclimate 9287
monitoring 1502
cultivars
assessment, Malaysia 3825
biochemistry 7420
drought 9286
physiology 9286
water relations 5761
cultural methods, Malaysia 10186
diseases
control, Brazil 34
Rigidoporus lignosus 1503, 4776-4777, 8416
disorders, brown bast 4775
drought
resistance
cultivars 5761, 9286
physiology 5761
frost, resistance, physiology 1557
grafting
scions, treatment 2950
techniques, assessment 7418
growth regulators
aminocyclopropane carboxylic acid, responses 7419
aminoethoxyvinylglycine, responses 7419
ethephon
application 6562
responses 4778, 6562, 7420
ethylene, responses 8369
NAA, responses 7419
2,4,5-T, responses 7419
herbicides
application 2897
injuries 2951, 2954
tolerances 2897, 2954
intercropping
Cajanus cajan 4773
Calopogonium mucunoides 4773
Canavalia paraguayense 4773
cocoa 6530
Leucaena leucocephala 4773
Tephrosia 4773
new journals, Malaysia 8435
nurseries, cultural methods 2091
nutrition 6558-6559
Rubber *cont.*
nutrition *cont.*
calcium 4774
nitrogen 4774
phosphorus 4774
potassium 4774
sodium 5760
surveys, Africa 7421
trace elements 4774, 6560
pests, rats 2092
plant
composition 6655, 8415
latex 3826, 5762, 6561-6562, 7419, 8369, 9288, 9290, 10183
thinning, techniques 5759
planting stock, production, techniques 2091, 7418
production, Brazil 10133
reports 8457
France 3882
Malaysia 13
Sri Lanka 1535
rootstock scion relationships 6555
seeds
composition 4780, 10187
germination, biochemistry 8415
production, cultural methods 8417
treatment 10185
viability, tests 10184
soil types 6557
soil water, rainfall runoff relationships 6556
tapping 2093, 2955, 3827-3828, 4778-4779, 5762, 6563, 9289
weed control 2897, 2935, 2951, 2953, 5758, 10186
weeds, competition 2952
wild plants, utilization, Brazil 5759
yields, correlation 3827, 6556, 6563
Rubia, plant, composition, quinones 4494
Rubia cordifolia, plant, composition 1290, 5569
Rubidium
responses, *Oxalis regnellii* 3511
translocation, tomatoes 2540, 4327, 8940
Rubus (*see also* Blackberries; Boysenberries; Loganberries; Raspberries)
conferences 7454
cultivars, characteristics, Hungary 9540
reports, UK 4825
wild plants, surveys, China 6678
Rubus calycinoides, cultivars, characteristics, Canada 8970
Rubus deliciosus, planting stock, production, containers 1893
Rubus plicatus, plant, composition, phenolic compounds 552
Rudbeckia fulgida, cut flowers, harvesting 6218
Ruellia tuberosa
plant
composition
hydrocarbons 9194
sterols 9194
Rumex, cultivars, assessment, USSR 7685
Rumex acetosella, as ground cover plants, apples 8519
Rumex obtusifolius, as weeds, lawns and turf 5458
Rumina decollata, control, of *Helix aspersa, Citrus* 1414
Rumohra adiantiformis (*see Arachniodes adiantiformis*)
Ruscus hypoglossum, cut foliage 8099
Ruscus hypophyllum, tissue culture, propagation, techniques 1993
Russelia, planting stock, production, containers 9064
Ruta angustifolia, plant, composition 10028
Ruta chalepensis, plant, composition, coumarins 5629
Ruta graveolens
photosynthesis, tissue culture 1360
plant
composition
alkaloids 2776
coumarins 5629

Ruta graveolens *cont.*
roots
composition 9195
histology 9195
tissue culture
biochemistry 3707
responses, buffers 1360
Ruta montana, plant, composition, coumarins 5629
Rutabaga (*see* Swedes)
Rutaceae, grafting, techniques, assessment 6285
Rwanda, medicinal plants, surveys 8155
Ryania speciosa, plant, composition 2756
Sabulodes aegrotata, avocados 9219
Saccharum (*see also* Sugarcane)
Sagina procumbens, competition, lawns and turf 7159
Saintpaulia
chimaeras 1131
cultivars
diseases 2593
pests 2593
propagation 3500
temperature 6217
cultural methods, pot plants 4362, 6177, 7097, 9809
cuttings, types, leaf cuttings 5406
flowers
colour
chimaeras 7941
spectral data 5378
development, humidity 9790
histology 1131
fungicides
injuries 8973
tolerances 8973
growing media, characteristics 5370
nutrition 8988
pests
Thrips 8972
Thrips tabaci 8989
photosynthesis, CAM pathway 5407
plant
composition, polyamines 5408
development, humidity 9790
planting stock, production, tissue culture 7092
protected cultivation
carbon dioxide 9802
humidity 9010
research, USA 9782
soil heating, responses 9809
tissue culture
organogenesis 7872
propagation, techniques 3500
Saintpaulia ionantha, cuttings, rooting, growing media 1822
Saissetia, reports, India 4819
Saissetia oleae, olives 6506
Salacia reticulata, plant, composition 1284
Salinity (*see also* Soil salinity)
injuries
Acer 4459
Aesculus hippocastanum 7206
sour oranges 3751
Tilia 7206
tomatoes 2534
responses
Agave 1187
avocados 1391
Azadirachta indica 6305
bananas 8377
cabbages 6129
carrots 2549
chrysanthemums 3492
Citrus 635, 3750, 4645, 6471
conferences 5800
Cucurbita pepo 4194
Datura fastuosa 6389
fruit crops, reviews 8316
garlic 4145, 5173
grapes 919, 4122
guavas 2084
horticultural crops 5818
lettuces 240, 965
Lilium 9385
Lolium perenne 3548
mandarins 10077
mangoes 1391
Matricaria recutita 10014

Salinity *cont.*
responses *cont.*
Melia azedarach 6305
Mesembryanthemum crystallinum 9044
onions 5173
oranges 2049, 4641, 8329
Origanum majorana 8140
ornamental plants 414, 5818, 8024
Parthenium argentatum 926, 9212, 9605
peas 4256, 7815, 9719
pecans 9514
Phaseolus vulgaris 2464
pistachios 9518
pomegranates 5732, 8366
Poncirus trifoliata 10077
radishes 7758
sapodillas 699
Simmondsia chinensis 4607, 9212
spinach 6885
strawberries 5100
temperate fruits 9385
tomatoes 3425, 6129, 7055, 7866, 8934, 9765
vegetables 926, 3260, 6854, 9605
tolerances
apples 3101
bananas 6523
Brassica 5996
Citrus 5664
Cymbopogon 5540
lawns and turf 6255
lettuces 5990-5991
quinces 3101
tomatoes 1067, 6107, 7040
Salix, as weeds, *Vaccinium angustifolium* 5906
Salix acutifolia, plant, composition, flavonoids 6426
Salix alba
cuttings, cultural methods 6283
plant extracts, application, woody plants 3571
shoots, development, growth regulators 3592
Salix babylonica
pollen, germination, amines 415
water relations, temperature 9912
Salix caprea
as rootstocks, *Salix repens* 1850
frost, resistance, tests 411
Salix daphnoides, flowers, composition 8169
Salix discolor, cuttings 7090
Salix fragilis, cuttings, cultural methods 6283
Salix matsudana
pollution
hydrogen fluoride 4435
ozone 4435
Salix purpurea, cuttings, rooting, seasonal variation 497
Salix repens, grafting, techniques 1850
Salix viminalis
cuttings
cultural methods 6283
rooting, seasonal variation 497
Salpianthus arenarius, plant, composition 8156
Salpichroa organifolia, plant, composition, alkaloids 5568
Salsify, seeds, germination, soil 6905
Salsola kali, plant, composition, glycosides 4616
Salsola pestifera, plant, composition, alkaloids 10029
Salsola soda, photosynthesis, biochemistry 1549
Salvia
flowers, colour, biochemistry 9791
species, assessment, USA 9822
Salvia albimaculata, plant, composition, essential oils 1918
Salvia argentea, plant, composition, terpenoids 9002
Salvia aucheri, plant, composition, essential oils 1918
Salvia divinorum, plant, composition, lactones 6427

Salvia dominica, plant, composition, essential oils 9954
Salvia greggii, plant, composition, terpenoids 3608
Salvia lyrata, as weeds, lawns and turf 2632
Salvia miltiorrhiza, tissue culture, metabolites, production 4584, 8287
Salvia moorcroftiana, plant, composition, terpenoids 4529
Salvia officinalis
characteristics 8167
plant, composition, essential oils 5537, 7242, 8145, 9953
planting, spacing 1254
seeds, germination, inhibitors 2147
Salvia pratensis, roots, composition 2603
Salvia sapinae, plant, composition, terpenoids 9196
Salvia sclarea
plant
composition
essential oils 9954
terpenoids 8146
weed control 7244, 8119
Salvia splendens, dwarfing, growth regulators 5379
Samanea saman, plant, composition, saponins 3708
Sambucus caerulea, seeds, treatment 6775
Sambucus ebulus
plant
composition
glycosides 5630, 10030
lectins 6774
Sambucus nigra
growth regulators, ethylene, physiology 296
plant, composition, lectins 6774
reports
Netherlands 6616
Switzerland 7461
Sambucus racemosa
fruits, composition 5564
plant, composition, lectins 6774
shoots, cytology 6776
Sand
utilization
growing media
bedding plants 7095
Chamelaucium uncinatum 9918
cherries 2231
container grown plants 1851
Dahlia 1149
Enkianthus perulatus 1240
Euphorbia fulgens 5512
foliage plants 4423, 8029
Gerbera 7115
grapes 161
greenhouse crops 5371
Grevillea johnsonii 5522
Metrosideros carminea 7204
Rhododendron yedoense 6299
Saxifraga fortunei 5424
tea 9299
tomatoes 8029
Vaccinium 7611
Vaccinium vitis-idaea 3201
vegetables 7095
woody plants 410, 1851
mulches
Vaccinium vitis-idaea 7617
woody plants 7182
Sanguisorba officinalis
plant
composition 1290
tannins 555
Sansevieria, photosynthesis, CAM pathway 9038
Sansevieria hyacinthoides, tissue culture, propagation, techniques 9049
Sansevieria rorida, plant, composition, sapogenins 599
Santalum acuminatum, wild plants, surveys, Australia 5734
Santalum album
plant, composition, essential oils 1919, 3641
tissue culture, propagation, protoplasts 2130, 3642

Santolina oblongifolia, plant, composition, terpenoids 2744
Sanvitalia procumbens, landscaping, slopes 7085
Sapindus mukorossi, fruits, composition 5631
Sapindus saponaria, seeds, composition 1994
Sapindus trifoliatus, tissue culture, propagation, techniques 8288
Sapium aubletianum, plant, composition, latex 4617
Sapium sebiferum
products, fuels 7445
seeds, composition 2018
Sapodillas
flowers, biology 6564
fruits, ripening, biochemistry 7382
plant, composition 1283
reports
Australia 4817
India 6614-6615
salinity, responses 699
Sapogenins
characterization
Kalanchoe daigremontiana 6276
Kallstroemia maxima 3690
Polygala chamaebuxus 5624
Primula rosea 1130
composition
Balanites aegyptiaca 1305
Dioscorea dissimulans 10001
Guaiacum officinale 1973
Phaseolus coccineus 2470
Sansevieria rorida 599
Sesbania grandiflora 1997
Solidago gigantea 10034
determination
Agave americana 551
Smilax aspera 551
Trigonella foenum-graecum 551
extraction, *Trigonella foenum-graecum* 4594
metabolism
seasonal variation
Allium nutans 3662
Costus speciosus 4559
production
cultural methods, *Yucca gloriosa* 2667
mutants, *Dioscorea floribunda* 5598
seasons, *Allium nutans* 2764
techniques, *Agave sisalana* 2750
Saponaria officinalis
plant
composition
glycosides 3480
saponins 7298
tissue culture, metabolites, production 1361
Saponins
characterization
Astragalus sieversianus 7263
Bupleurum rotundifolium 1941
Cussonia barteri 8217
Guaiacum officinale 5607
Hedera nepalensis 2788
Hedera rhombea 2686-2687
Hemsleya chinensis 6407
Luffa aegyptiaca 3352
Madhuca longifolia 1979
Panax pseudoginseng 1346, 10017
plants, reviews 2757
Polygala chamaebuxus 5624
Polygala pruinosa 1990
Randia dumetorum 8279
Solanum torvum 600
Tetrapanax papyrifera 6435
Trigonella foenum-graecum 604, 10037
composition
Agave cantala 7260
Aloe perryi 5582
Balanites aegyptiaca 6588
blackberries 5075
Bupleurum 9152
Bupleurum chinense 9153
Bupleurum falcatum 8193
Calophyllum inophyllum 9155
Chamaerops humilis 6273
Dioscorea parviflora 3680
Saponins *cont.*
composition *cont.*
Eryngium planum 574
Lagenaria breviflora 7288
Maesa ramentacea 5581
Panax japonicus 1986, 3700
Panax pseudoginseng 7291, 9188
Phaseolus coccineus 2470
Prunella vulgaris 2802
Quillaja saponaria 3729
Samanea saman 3708
surveys
India 8162
Iran 8166
Qatar 5575
Thalictrum minus 6438
Trachycarpus wagnerianus 6273
wild plants, Iran 8160
determination
Hedera helix 1858
Trigonella foenum-graecum 2011
extraction, *Glycyrrhiza glabra* 5606
metabolism
cultural methods, *Platycodon grandiflorus* 5423
growth regulators, *Saponaria officinalis* 7298
production
plant residues, tea 2100
tissue culture
Panax pseudoginseng 5621
Tribulus terrestris 6441
Saraca asoca, plant, composition 4532, 9964
Sarcomelicope argyrophylla, plant, composition, alkaloids 3709
Sargentia greggii, plant, composition, cytotoxic compounds 3710
Sarracenia flava
leaves
histology 9823
physiology 1787
Sarracenia leucophylla, leaves, histology 9823
Sarracenia minor, leaves, histology 9823
Sarracenia psittacina, leaves, histology 9823
Sarracenia purpurea, leaves, histology 9823
Sarucallis kahawaluokalani, *Lagerstroemia indica* 498
Sasaella ramosa
mulching
materials 2678
responses 2678
Satsumas
buds, development, temperature 5709
cultivars
characteristics
South Africa 5666
USSR 8323
disorders, fruit puffing 2056
flowers
composition 6498
development, temperature 5709
initiation
fruiting 5708
growth regulators 5708
frost, resistance, nutrition 2845
fruits
colour
growth regulators 2058
thinning 2058
composition 6493, 8338
development
drought 2869
growth regulators 2851, 9239
quality
cultural methods 9225
nutrition 1409
ripening, growth regulators 2056
set, physiology 10088
growth regulators
ethychlozate, responses 2851
NAA, responses 2058
harvesting, techniques, assessment 9240
hybrids, characteristics, USSR 8322, 8324
leaves, physiology 2868
mulching
materials 5682
Satsumas *cont.*
mulching *cont.*
responses 5682
nutrition 2845, 10075
nitrogen 1409, 2844, 9225
phosphorus 1409, 9225
potassium 1409, 9225
trace elements 9225
zinc 2858
pests, *Polyphagotarsonemus latus* 5695
photosynthesis
drought 2869
physiology 2868
plant
composition, terpenoids 5706, 8339
development, soil 5685
pruning, responses 9225
roots
development
mulching 5682
soil 5685
rootstock scion relationships, growth 10064
shoots, development, growth regulators 2851
soil types 5685
storage
packing 2060
quality, harvesting 9240
storage dips
butylamine 2060
growth regulators 2060
systems, controlled atmosphere storage 2878
topworking 2844
winter hardiness, nutrition 10075
Satureja, plant, composition 2023
Satureja bzybica, cultivars, assessment, USSR 9132
Satureja hortensis, cultivars, assessment, USSR 7685
Satureja montana, plant, composition, essential oils 1266
Satureja spicigera, cultivars, assessment, USSR 9132
Satureja thymbra, plant, composition, essential oils 1267, 6337
Saudi Arabia, medicinal plants, surveys 8161
Savory (*see Satureja)*
Sawdust
utilization
fertilizers, *Vaccinium* 5908
growing media
Chamelaucium uncinatum 9918
container grown plants 1851, 2425
cucumbers 2419-2420
Cyclamen 1802-1803
fungi 1105
Lentinus edodes 1107
Lilium concolor 1812
Solanum khasianum 2000
spinach 1668
tomatoes 362, 2420
Vaccinium 7611
Vaccinium corymbosum 7612
woody plants 1851
mulches
bananas 9258
garlic 5963
ornamental plants 2678
peas 4252
tomatoes 3426
Vaccinium 7615
Vaccinium corymbosum 9551
propagation, cashews 4691
Saxifraga, pests, *Otiorhynchus* 5376
Saxifraga arendsii, cultural methods, pot plants 6173
Saxifraga fortunei, cultural methods, pot plants 5424
Saxifraga stolonifera, plant, composition, tannins 556
Scarabaeidae, sugarcane 716
Sceliodes cordalis, *Solanum muricatum* 1092
Schefflera, transport, injuries 7903
Schefflera actinophylla, cultural methods, pot plants 5462

Schefflera arboricola
air layering 2642
cultural methods, pot plants 2645
cuttings 6261
drought, resistance, physiology 2666
growing media, composition 8971
photosynthesis, temperature 1823
plant, composition, allergens 3563
protected cultivation
carbon dioxide 7480
energy conservation 9869
humidity 4421
temperature 4421
Schinus terebinthifolius, plant, composition, fatty acids 8114
Schisandra, wild plants, surveys, China 6678
Schisandra chinensis, plant, composition, lignans 8289
Schizanthus wisetonensis, cultural methods, pot plants 3502
Schizophyllum commune
fructification 8968
peaches 108
Schizostylis, reports, UK 4824
Schizothyrium pomi, apples 8531
Schlegelia, taxonomy, morphology 1210
Schlumbergera truncata
flowers, initiation 462
plant, composition, pigments 223
Schoenorchis, cultural methods 1840
Schoenorchis fragrans, characteristics 1840
Schoenorchis gemmata, characteristics 1840
Schoenorchis micrantha, characteristics 1840
Schoenorchis paniculata, characteristics 1840
Sciara, *Cyclamen* 4379
Scilla, bulbs, production, cultural methods 9843
Scilla berthelotii, wild plants, surveys, Canary Islands 8000
Scilla dasyantha, wild plants, surveys, Canary Islands 8000
Scilla haemorhoidalis, wild plants, surveys, Canary Islands 8000
Scilla latifolia, wild plants, surveys, Canary Islands 8000
Scilla mischtschenkoana, forcing 5453
Scilla pensylvanica, flowers, colour, biochemistry 9791
Scindapsus
growing media 4423
protected cultivation, systems, greenhouses 1112
Scindapsus pictus, cultural methods, pot plants 2641
Scirtothrips, oranges 3752
Scirtothrips aurantii
bananas 10128
Citrus 2865
lemons 2866
tea 10219-10220
Scirtothrips citri, *Citrus* 4652, 6483
Scirtothrips dorsalis
Capsicum 4297
tomatoes 6119
Sclerocactus polyancistrus, mutants, characteristics 1835
Sclerocarya birrea, fruits, anatomy 8434
Sclerospora sacchari, sugarcane 2959
Sclerotinia
garlic 936
lettuces 5993
Sclerotinia draytonii, *Gladiolus* 438
Sclerotinia homeocarpa, lawns and turf 2630
Sclerotinia minor, lettuces 2386, 6902
Sclerotinia narcissicola, *Narcissus* 3529
Sclerotinia sclerotiorum
carrots 401
cauliflowers 4176
globe artichokes 6893
lettuces 243, 2386, 9651
ornamental plants 2574
Sclerotinia squamosa, greenhouse crops 208
Sclerotium, *Piper betle* 2817, 2821
Sclerotium cepivorum
leeks 937, 3277
Sclerotium cepivorum *cont.*
onions 5971, 7709
Sclerotium rolfsii
carrots 399
globe artichokes 6893
horticultural crops 8490
ornamental plants 2574
pears 8501
Piper betle 2755, 5563
Scopolia, plant, composition, alkaloids 5568
Scorzonera
diseases
Albugo tragopogonis 7744
Erysiphe cichoracearum 7744
weed control 246, 7743
Scrobipalpa blapsigona, aubergines 7000
Scrobipalpa heliopa, aubergines 6100
Scutellaria baicalensis
plant
composition
cytotoxic compounds 1362, 1995
flavonoids 1363, 6428
tissue culture, metabolites, production 4585
Scutellaria discolor, plant, composition, flavonoids 6429
Scutellaria polyodon, plant, composition, flavonoids 6430
Scutellista cyanea, control, of *Ceroplastes rusci,* mandarins 10081
Scutellonema conicephalum, *Pelargonium graveolens* 3638
Scymnus, control, of *Maconellicoccus hirsutus,* grapes 184
Scymus reunioni, control, of *Planococcus ficus,* grapes 921
Scyphophorus acupunctatus, *Agave fourcroydes* 7247
Seaweeds
utilization
fertilizers
coffee 3801
lawns and turf 3552
Sechium edule
plant
composition
amines 9689
growth regulators 5259
seeds
composition 3351
development, biochemistry 5259
Securidaca longipedunculata, plant, composition 3650
Sedum
cultivars, characteristics 9050
cultural methods, roofs 1108
nutrition
nitrogen 1108
phosphorus 1108
potassium 1108
pests, *Otiorhynchus* 5376
species, characteristics 9050
Sedum acre, plant, composition, alkaloids 3711
Sedum album
cultural methods
pot plants 6173
roofs 3564
Sedum dendroideum, plant, composition 1283
Sedum morganianum, water relations, measurement 2128
Sedum rubrotinctum
drought, resistance, physiology 8046
photosynthesis, water relations 8046
Seedlings
biochemistry
growth regulators, peas 1043
wounds, peas 1043
development
alkaloids, vegetables 7472
anatomy
dates 3763
Papaver bracteatum 594
assessment
cashews 4693, 4714
cocoa 1465
coconuts 3795
biochemistry
chestnuts 7563
Seedlings *cont.*
development *cont.*
biochemistry *cont.*
cucumbers 273
Papaver bracteatum 594
peas 1038, 4267, 6074
Phaseolus vulgaris 2469, 3363
spinach 8775
watermelons 6947
caesium, tomatoes 1740
cultivars, tomatoes 4303
cytology
peas 1038
watermelons 6946
drought, carrots 7876
fungicides
cucumbers 3350
Vicia faba 9718
growing media, tomatoes 9742
growth regulators
Citrullus vulgaris 1713
cucumbers 7789
Kalanchoe laxiflora 5298
peaches 1609
peas 5298
Poncirus trifoliata 1417
radishes 986
sour oranges 10084
Vicia faba 9718
histology, cashews 4715
hybrids, *Rhododendron* 2692
inhibitors, *Zephyranthes flava* 9208
light
Amaranthus caudatus 2594
cucumbers 274, 3347-3348, 7786
pumpkins 7784
mycorrhizas, *Dactylorhiza* 4429
nucellar clones, citrons 2867
nutrition
cocoa 9262
Cucurbitaceae 5806
Gerbera jamesonii 5806
ozone, *Cucurbita moschata* 9686
physiology
apples 810
cocoa 3788
cucumbers 274
Cymbidium ensifolium 1838
Impatiens balsamina 9815
Nymphaea lotus 6260
Paullinia cupana 10226
peas 2483
Phaseolus vulgaris 9707
Trapa natans 6260
plant residues, *Asparagus* 5305
salinity
Parthenium argentatum 926
radishes 7758
vegetables 926
silica gel, cucumbers 4872
soil water, onions 9617
stresses
cauliflowers 1660, 4178
celery 1660
lettuces 1660
temperature
Agave deserti 2650
apples 9429
Capsicum 6093
cucumbers 1712
onions 9617
tomatoes 3442
tissue culture, *Dactylorhiza* 4429
water relations
Agave deserti 2650
lemons 8337
tomatoes 4303
Trigonella foenum-graecum 9941
waterlogging, cocoa 7400
irrigation, containers, rough lemons 1403
planting
age
Capsicum 8896
leeks 6863
lettuces 3313
seasons, onions 3288
techniques
vegetables 201

Seedlings *cont.*
planting *cont.*
techniques *cont.*
vegetables *cont.*
reviews 2338
production
containers
bedding plants 4347
cabbages 9660
cauliflowers 9660
oil palms 6547-6548
rough lemons 1403
cultivars, sour oranges 6464
cultural methods
Annona muricata 3776
Anthurium scherzerianum 8035
Asparagus 3387
bedding plants 4347, 7943
Brassica 2394
cabbages 4170
Capsicum 3400, 4294, 6088-6089, 6989
cauliflowers 4312, 5956
celery 4342, 5956
Chinese cabbages 4179
coffee 10139
Cucurbitaceae 5806
Cymbidium ensifolium 6278
Cypripedium reginae 4428
Daphne 9919
Gerbera 7112
Gerbera jamesonii 2590, 5806
Iris 1808
Juglans nigra 5894
leeks 5956, 6863
lettuces 3313, 4312, 8786
Magnolia 9080
melons 8830
Monstera 4417
oil palms 2089, 7412
onions 6869
Orchidaceae 1839
pawpaws 1497
pecans 1616
Pelargonium 1782, 5399
Petunia 8987
Phoenix roebelenii 4418-4419
radishes 1702
Raphia 5655
Raphia hookeri 5654
Raphia vinifera 5654
reviews 4837
Rubus deliciosus 1893
sour oranges 4627-4628
tomatoes 4311-4312, 6117, 8914, 8987
woody plants 7182
culture media, *Ranunculus asiaticus* 5452
diseases, *Impatiens walleriana* 430
economics, *Brassica* 2394
equipment 9331
bedding plants 7892
greenhouse crops 6642
growing media
Begonia semperflorens 6172
Capsicum 364
cucumbers 364, 9678
Impatiens walleriana 430
lettuces 9739
Petunia 6172
spinach 1668
Tagetes 6172
tomatoes 364, 4310, 9739-9741
vegetables 5370
Viola wittrockiana 6172
Japan, vegetables 2349
light
coffee 10138
horticultural crops 2136
mechanization, horticultural crops 8468
nutrition, vegetables 931
pests, *Citrus* 633
protected cultivation
Capsicum 757, 2340
cauliflowers 6000
cucumbers 757, 2340
endives 957
kale 6000
kohlrabi 6000

Seedlings *cont.*
production *cont.*
protected cultivation *cont.*
lettuces 7736
tomatoes 757, 2340, 6116
soilless culture
cucumbers 8822
tomatoes 8822
techniques, chicory 9641
selection
cashews 4714
Citrus 5664
coconuts 3794
treatment
antitranspirants
Impatiens 5416
tomatoes 5416
bacteria
Citrus 619
Parthenium argentatum 612
cold
Euphorbia lathyris 1384
lettuces 7741
Limonium 9816
growth regulators
apples 6694
cashews 4694
cucumbers 992
Cucurbita pepo 992
Euphorbia lathyris 1384
radishes 2147
tomatoes 3429, 5321, 6123
hydrophilic polymers, tomatoes 9743
insecticides, cauliflowers 6922

Seeds
biochemistry
ringing, grapes 900
ripening, *Raphia hookeri* 1388
storage, peas 1037
development
apomixis, *Amelanchier laevis* 3187
biochemistry
almonds 782
cocoa 8383
Cycadaceae 1877
Leguminosae 1015
Phaseolus vulgaris 1014, 1027, 2471, 3353
radishes 1703
Sechium edule 3351, 5259
Tropaeolum majus 5427
cytology, rough lemons 2875
embryology
almonds 5831
carrots 3452
Malaxis cylindrostachya 9060
medicinal plants 3073
ornamental plants 3073
Phaseolus vulgaris 6057
Rhododendron kawakamii 5499
Rhododendron retusum 5499
Torreya grandis 3576
growth regulators
almonds 9388
grapes 9600
lawns and turf 1184, 1819
peas 9724
Phaseolus vulgaris 2472
plums 9526
roses 4454
histology
Cobaea scandens 7125
Cycadaceae 1877
Phaseolus vulgaris 7807
radishes 1703
Sinapis alba 2729
physiology
apples 3976
Carpinus betulus 9100
peas 6066
Phaseolus vulgaris 7795
Vicia faba 6066
pruning, grapes 9600
water relations, peas 8884
dormancy
biochemistry
olives 10103
Petunia 1784
radishes 2405
cyanamide, grapes 9595

Seeds *cont.*
dormancy *cont.*
growth regulators
Acer tataricum 7209
apples 68
carrots 6150
Petroselinum crispum 6150
Trollius chinensis 2604
physiology
apples 67, 7512
Carpinus betulus 9100
Hamamelis virginiana 6304
horticultural crops 4837
temperature
Allium 8748
apples 68
germination
anaerobiosis, vegetables 6069
biochemistry
almonds 780
Anemone coronaria 2610
chestnuts 7563
Cymbidium ensifolium 1838
Leguminosae 1015
pawpaws 4765
peas 1038, 2481
Phaseolus vulgaris 1014, 3353, 4208, 5270
Psophocarpus tetragonolobus 3383
radishes 1701, 2405
Ranunculus asiaticus 2610
rubber 8415
Sechium edule 3351
Sinapis alba 2729
Trigonella foenum-graecum 1256
vegetables 3255
Ziziphus sativa 3858
colour, *Phaseolus vulgaris* 6037, 6957
cultivars
Phaseolus vulgaris 6037
tomatoes 4303
culture media
Aerides japonicum 1837
Annona muricata 3776
Byblis liniflora 7126
Cymbidium ensifolium 1838, 6278
Drosera 7126
Orchidaceae 1839, 8052
sour oranges 4627-4628
cytology, peas 1038
environment, *Euphorbia lathyris* 1384
ethylene, horticultural crops 3031
growth regulators
Amaranthus caudatus 4365
celery 6158
lettuces 8784-8785
radishes 5229
humidity, *Areca* 4681
hybrids, *Rhododendron* 2692
inhibitors
Asparagus 5304
cucumbers 8821
Cyclamen 7965
Eruca vesicaria subsp. *sativa* 608
Festuca arundinacea 7472
horticultural crops 4837
lettuces 3603, 5304, 5995, 7472
ornamental plants 2147
Papaver somniferum 8267
Phaseolus vulgaris 6037
Thymus capitatus 9133
tomatoes 5304
Trigonella foenum-graecum 1256
vegetables 2147, 2342
watercress 7472
Zephyranthes flava 9208
lead, *Cassia* 9158
light
Amaranthus hypochondriacus 6220
Anemone coronaria 2610
Larrea tridentata 493
lettuces 240, 7734
Ranunculus asiaticus 2610

Seeds *cont.*
germination *cont.*
light *cont.*
Saxifraga fortunei 5424
Sinapis alba 2729
morphology, *Asparagus setaceus* 2652
oxygen, vegetables 6070
physiology
Astragalus dasyanthus 9982
Calophyllum inophyllum 4551
Cola acuminata 10148
cucumbers 7472
Cyclamen 7965
Gentiana scabra 7128
grapes 5925
lettuces 962, 7472
Leucospermum cordifolium 9926
melons 6018
Microcoelia 8053
Nandina domestica 3607
peaches 1609
peas 3864, 4251, 5285
Pelargonium 7937
Phacelia tanacetifolia 6227
Phaseolus vulgaris 3864, 6037, 7795
Prunus 3076
radishes 7472
Rhododendron 2693
Telfairia pedata 991
Trollius chinensis 2604-2605
watercress 7472
watermelons 5234, 7472
Watsonia fourcadei 9855
ringing, grapes 900
salinity
cabbages 6129, 6856
carrots 2549
Cucurbita pepo 4194
Euphorbia lathyris 1384
lawns and turf 6255
lettuces 240
Parthenium argentatum 926
peas 4256
radishes 6856, 7758
tomatoes 6129, 6856
vegetables 926
size
Asparagus setaceus 2652
coconuts 3795
Cyamopsis tetragonoloba 312
soil, salsify 6905
sowing date, cocoa 9259
temperature
Actinidia arguta 1624
Anemone coronaria 2610
Astragalus dasyanthus 9982
Calluna vulgaris 1216
Capsicum 3397
celery 6158
Cola acuminata 10148
cucumbers 7769
Euphorbia lathyris 1384
Ilex crenata 1856
Ilex serrata 1857
lettuces 4161, 7735, 9647
Leucospermum cordifolium 9926
melons 3333
Nepeta cataria 4511
parsnips 7068
Ranunculus asiaticus 2610
Raphia 5655
Saxifraga fortunei 5424
tomatoes 3442
Watsonia fourcadei 9855
tests
horticultural crops 3892
lawns and turf 6255
water relations
Amaranthus caudatus 4365
Larrea tridentata 493
ornamental plants 4364
peas 8884
Phaseolus vulgaris 7794
Telfairia occidentalis 7768
tomatoes 3416, 4303
Vicia faba 4226

Seeds *cont.*
mechanical properties, assessment, pomegranates 7374
physiology
books 3864
conferences 7455
production
cleaning
Aglaonema crispum 2651
Cucurbitaceae 1007
Magnolia 9080
medicinal plants 7258
vegetables 9608
cultivars
Iris 1154
okras 6982
onions 2367
tomatoes 2510
cultural methods
Amaranthus cruentus 1098
aubergines 5320
beetroots 3297, 6877
cabbages 3325, 8802
Callistephus chinensis 6221
carrots 2553, 3459-3460, 5359-5360, 6150, 6156, 7066-7067, 8952
cauliflowers 983
Chinese cabbages 8804
Coriandrum sativum 2724-2725
Digitalis lanata 5597
Freesia 6235
Gerbera jamesonii 2590
leeks 7702-7703
Monstera 4417
okras 6982
onions 3290, 4149-4150, 6876
pawpaws 4767
Petroselinum crispum 2727
Petroselinum crispum subsp. *tuberosum* 6150
radishes 984, 3330, 8816
Rhododendron 2693
rubber 8417
tomatoes 6141
turnips 6005
vegetables 1661
diseases, *Cheiranthus cheiri* 2595
drying, peas 8884
economics, annuals 6183
environment, peas 4276
extraction
aubergines 5320
Magnolia 9080
grading
leeks 8744
medicinal plants 7258
growth, onions 9619
growth regulators, *Cyclamen* 6234
harvesting
carrots 3459
Corchorus olitorius 7072
grapes 2327
Magnolia 9080
onions 8764
tomatoes 7053
hybrids, *Cucurbita pepo* 1008
Japan, vegetables 2349
pests, radishes 260
physiology, lawns and turf 6259
pollination
leeks 5176
Rosa 1875
tropics
onions 4150
vegetables 933
quality
assessment
peas 6979
Solanum laciniatum 2001
vegetables 4138
size, cocoa 3788
size
cultivars, grapes 152
environment, *Potentilla fruticosa* 2719
sowing
equipment
horticultural crops 1553
lettuces 961
vegetables 1696, 5956

Seeds *cont.*
sowing *cont.*
row orientation, *Vicia faba* 4225
sowing date
aubergines 7014
beetroots 945, 4151
Capsicum 5316, 6088, 7014
carrots 7061, 7066
cauliflowers 1695
Coriandrum sativum 8121
cucumbers 6933, 7767
Cyamopsis tetragonoloba 2476
Digitalis lanata 5597
endives 237
Gerbera 7112
lettuces 2383
okras 3393
onions 3285, 8757, 8760
parsnips 7068
peas 2479, 4276
Phaseolus vulgaris 6958, 8850
Platycodon grandiflorus 5422
radishes 7757
Tanacetum parthenium 9006
Telfairia occidentalis 263
tomatoes 1731, 7012, 7014, 9761
turnips 6005
Vicia faba 3366, 4225, 6966-6967
Welsh onions 8767
spacing
beetroots 945
carrots 6151
Vicia faba 3366
techniques
Brassica 2394
carrots 4334
lettuces 961
melons 5163
Petroselinum crispum 5163
Pimpinella anisum 1915
tomatoes 3417
vegetables 5163
reviews 2338
Vicia faba 6967
Withania somnifera 4598
storage
duration
Astragalus dasyanthus 9982
beetroots 2369
Calluna vulgaris 1216
Cyclamen 7965
grapes 2306, 2327
Ilex crenata 1856
Ilex serrata 1857
Leucospermum cordifolium 9926
oil palms 5752
onions 6867
peas 1037
Platycodon grandiflorus 5421
Tabebuia 2720
tea 5775
watermelons 6016
humidity
Camellia oleifera 1852
coffee 1470
grapes 2306
Psophocarpus tetragonolobus 7823
vegetables 5162
microorganisms, *Psophocarpus tetragonolobus* 7823
systems
Citrus 3736
dates 7364
Iris 1808
Orchidaceae 5472
Prunus 3076
watermelons 6016
temperature
Camellia oleifera 1852
Cyclamen 7965
dates 7364
grapes 2306
Ilex crenata 1856
Ilex serrata 1857
Leucospermum cordifolium 9926

Seeds *cont.*
storage *cont.*
temperature *cont.*
Psophocarpus tetragonolobus 7823
quinces 2265
Tabebuia 2720
vegetables 5162
treatment
acetic acid
peas 7813
rubber 10185
amides, *Cuminum cyminum* 9118
ammonia, okras 7828
anaerobiosis, apples 7512
bacteria
cashews 4695
coffee 2924
Phaseolus vulgaris 4207
Vicia faba 4231
books 8440
calcium hypochlorite, Orchidaceae 8052
carbon dioxide, lettuces 9647
cold
Actinidia arguta 1624
Camellia oleifera 1852
Coriandrum sativum 9117
Gentiana scabra 7128
grapes 5925
Hamamelis virginiana 6304
lettuces 7735
peaches 1609, 4014
Platycodon grandiflorus 5421
radishes 5231
Rhus typhina 1892
Sambucus caerulea 6775
sweet peas 7130
cyanides, lettuces 962
enzymes, aubergines 2508
essential oils, carrots 6149
fertilizers
carrots 3284
onions 3284
fungi
carrots 3327
cress 3327
fungicides
beetroots 2368-2369
cabbages 4170, 6913
coffee 9269-9270
cucumbers 4196
Iris 1808
Larrea tridentata 493
Leucospermum 6315
onions 219, 4148, 5970
ornamental plants 2572
peas 4224, 4250, 6073
Phaseolus vulgaris 8857
spinach 6880
vegetables 925
Vicia faba 4224, 4230
gamma radiation
aubergines 6087
Capsicum 6087
tea 3853
growth regulators
Acer tataricum 7209
Actinidia arguta 1624
Archontophoenix cunninghamiana 2707
Atropa belladonna 9149
beetroots 946
Calluna vulgaris 1216
Capsicum 3397
carrots 3284, 6149
cashews 4694-4695
celery 7885
Cotoneaster divaricatus 3600
cucumbers 990
dates 5719
Datura fastuosa 9149
Euphorbia lathyris 1384
Euphrasia 1137
Gentiana scabra 7128
grapes 5925
guavas 4744
Hamamelis virginiana 6304
Helleborus foetidus 1139
lawns and turf 3546, 5456
lettuces 9647

Seeds *cont.*
treatment *cont.*
growth regulators *cont.*
Nandina domestica 3607
onions 3284
Orchidaceae 8052
peaches 3149
pecans 4031
Platycodon grandiflorus 5421
Raphia 5655
Rhus typhina 1892
rubber 10185
Sambucus caerulea 6775
tomatoes 3417
Trollius chinensis 2605
Watsonia fourcadei 9855
heat
dates 5719
Hamamelis virginiana 6304
oil palms 5752
Raphia 5655
hydrogen peroxide, *Leucospermum cordifolium* 9926
insecticides
cabbages 6913
onions 219
Phaseolus vulgaris 6040
radishes 6928
laser radiation, *Nepeta cataria* 5548
light
Actinidia arguta 1624
Zoysia japonica 6254
mercury, Cucurbitaceae 4188
microwave radiation
ornamental plants 7474
vegetables 7474
molybdenum, *Vicia faba* 5280
nitrates, *Cuminum cyminum* 9118
osmotic pretreatment
beetroots 2368
Capsicum 4293
celery 4341
lettuces 4161
melons 5163, 6017
onions 6867
Petroselinum crispum 5163
rubber 10185
tomatoes 3416
vegetables 5163
pelleting
beetroots 4151, 9623
cabbages 6913
carrots 3327
cress 3327
onions 219
Phaseolus vulgaris 4207
polyethylene glycol, beetroots 9623
pregermination
coffee 10139
lawns and turf 3546
melons 5163
onions 9617
Petroselinum crispum 5163
vegetables 5163, 5956
reviews, horticultural crops 4837
salicylhydroxamic acid, lettuces 962
scarification
Annona muricata 3776
Archontophoenix cunninghamiana 2707
Corchorus olitorius 7072
Cotoneaster divaricatus 3600
Crataegus tracyi 7211
Euphorbia lathyris 1384
Juniperus 7188
Leucospermum 6315
Leucospermum cordifolium 9926
oil palms 5752
Pelargonium 7937
Raphia 5655
Rosa canina 4450
Zoysia japonica 6254
sodium hydroxide, *Citrus* 2841
solvents, tomatoes 2517
stratification
Acer tataricum 7209
Actinidia arguta 1624
Carpinus betulus 9100
Cotoneaster divaricatus 3600
Crataegus tracyi 7211

Seeds *cont.*
treatment *cont.*
stratification *cont.*
grapes 5925
Helleborus foetidus 1139
Ilex crenata 1856
Ilex serrata 1857
Iris 1808
Nandina domestica 3607
peaches 3149, 4016, 4986
pecans 4031
Rosa canina 4450
temperate fruits 85
Torreya grandis 3576
Vaccinium praestans 8641
Watsonia fourcadei 9855
woody plants 7182
sulphuric acid
Adenanthera pavonina 3496
Albizia julibrissin 3496
Archontophoenix cunninghamiana 2707
Astragalus dasyanthus 9982
Pharbitis nil 3496
Sophora japonica 3496
surfactants, Orchidaceae 8052
testa removal
melons 6018
peaches 4014
trace elements, squashes 2413
water
Annona muricata 3776
Archontophoenix cunninghamiana 2707
carrots 6149
Corchorus olitorius 7072
dates 5719
Euphrasia 1137
Gramineae 5457
guavas 4744
Leucospermum cordifolium 9926
oil palms 5752
okras 9727
rubber 10185
Trollius chinensis 2605
viability
biochemistry, horticultural crops 7473
tests
Dianthus barbatus 6219
Gypsophila paniculata 6219
Orchidaceae 5474
peas 1037
rubber 10184
Silene compacta 6219
Selaginella doederleinii, plant, composition 1290
Selenicereus, species, characteristics 6266
Selenium, composition, grapes 7683
Selepa celtis
Camellia 9892
Castanea 9892
Pyrus 9892
Semecarpus vitiensis, fruits, composition 4586
Semiadalia undecimpunctata, control, of *Toxoptera aurantii,* feijoas 6499
Senecio, plant, composition 5576
Senecio amaniensis, photosynthesis, CAM pathway 7491
Senecio aureus, plant, composition, flavonoids 10031
Senecio bicolor, trichomes 6181
Senecio cineraria *(see Senecio bicolor)*
Senecio crassulaefolius, characteristics 9051
Senecio cruentus
flowers, colour, spectral data 5378
tissue culture, propagation, micropropagation 5425
Senecio desfontainei, plant, composition 10032
Senecio ficoides, characteristics 9051
Senecio hybridus, tissue culture, organogenesis 3513
Senecio illinitus, plant, composition, alkaloids 8290
Senecio jacobaea, plant, composition, alkaloids 1996

Senecio phillipicus, plant, composition, alkaloids 8290
Senecio vulgaris
as weeds
carrots 5354
raspberries 6791
Scorzonera 7743
vegetables 4139, 4141
plant, composition, alkaloids 1996, 8291
Senegal, medicinal plants, surveys 9959-9961
Senescence
antioxidants, spinach 2373
biochemistry
apples 813
carnations 416, 2581, 6192, 7105, 7918-7919
cut flowers 3484, 7906
horticultural crops 7473
peas 3381, 5296
plants 4866
roses 8087, 9911
spinach 7720
tea 3856
tomatoes 9764
tulips 3536
carbohydrates, cut flowers 3482
ethylene
carnations 4351
Freesia 7967
Hibiscus rosa-sinensis 1888
ornamental bulbs 7986
growth regulators
cut flowers 3476, 3482-3483, 8084
reviews 7908
Lilium longiflorum 6245
roses 8087
tulips 3536
nutrition, *Phaseolus vulgaris* 9701
physiology
carnations 3481, 5385, 6185, 6193, 7915-7916, 7924, 9800
reviews 7914
cut flowers, reviews 7910
grapes 2324, 3248
pears 3172
Petunia 5404
Pharbitis nil 7935-7936
roses 8093
spinach 5981
Telopea speciosissima 8116
Tropaeolum majus 3515
pollination
carnations 7900
Petunia 7900, 7940
silver thiosulphate, carnations 7918
storage, roses 8083
temperature, cut flowers 8084
water relations
carnations 4351
cut flowers 8084
Freesia 7967
Septoria, *Citrus* 7345
Septoria apiicola, celery 1095
Septoria callistephi, *Callistephus chinensis* 3504
Septoria lycopersici, tomatoes 1081, 6114, 8935
Sequoia sempervirens, cuttings 6289
Serapias, flowers, movements, physiology 4430
Serapias olbia, tissue culture, propagation, techniques 7177
Serapias pseudocordigera, tissue culture, propagation, techniques 7177
Serology, growth regulators, tomatoes 7467
Serratia liquefaciens, control, of *Fusarium oxysporum* f.sp. *dianthi,* carnations 2579
Serratula coronata, plant, composition, steroids 5565
Sesamia, sugarcane 7438
Sesamum angolense, plant, composition 3650
Sesbania grandiflora
plant, composition, sapogenins 1997
support trees, *Piper betle* 2821
Setaria barbata, as weeds, oil palms 1489
Setaria faberi, as weeds, grapes 5930
Setaria megaphylla, as weeds, oil palms 2936
Setaria pumila
as weeds
container grown plants 472
onions 2357
woody plants 6286
Setaria viridis, as weeds, *Anethum graveolens* 8127
Sewage effluent
utilization
fertilizers, peaches 3150
irrigation
peaches 3150
temperate fruits 6684
vegetables 6853
woody plants 5483
Sewage sludge
utilization
fertilizers
black currants 7596
carrots 6151
cucumbers 6022
lawns and turf 9029
lettuces 3314
Magnolia grandiflora 3579
tomatoes 8930
growing media
pot plants 455
vegetables 8915
mulches, lawns and turf 4410
nutrition, lettuces 6900
soil amendments
lawns and turf 3550
lettuces 6902
spinach beets 3307
tomatoes 1080
Seychelles, vegetables, cultural methods 2335
Shade (*see also* Light)
responses
apples 2192, 2202
Capsicum 6095, 7124, 7836-7837
cocoa 667, 3790, 6527-6528
coffee 6535
Elettaria cardamomum 3615
foliage plants 9040
horticultural crops 7463
lawns and turf 6253
Panax quinquefolius 6417
peaches 2202
Piper nigrum 3620
radishes 4182
Raphia 5654
Shading
materials
greenhouse crops 7966
plants 7478-7479
tea 9299
techniques, *Capsicum* 7837
Shale
utilization
growing media
Juniperus 1213
ornamental plants 3564
Shallots
handling, techniques 6674
planting, spacing 3294
planting stock, size 3294
Shelterbelts (*see also* Windbreaks)
Citrus 10068
Citrus meyeri 6467
greenhouses 4840
lemons 6467
oranges 6469
Shepherdia argentea, seeds, composition 1239
Shoots
biochemistry
fruiting, apples 8521
harvesting date, sugarcane 10192
potassium, sugarcane 10197
pruning, apples 8521
temperature, *Asparagus* 2498
development
assessment, tea 3001
biochemistry
Juglans 9528
Papaver somniferum 7293
Shoots *cont.*
development *cont.*
cultivars
apples 7519
peaches 4980
Rhododendron 1870
tomatoes 6103
environment
carnations 2577
mandarins 626
tea 3001
flowering
cucumbers 7873
Lilium longiflorum 9020
tomatoes 7873
fruiting
apples 9467
black currants 7597
cucumbers 7873
tomatoes 7873
genetics, sweet peas 4368
growth regulators
Acer saccharinum 1880
apples 802, 1569, 2170, 2194, 3105, 5859, 6703, 8523, 9408
apricots 4957
cucumbers 7788
Fosterella penduliflora 3555
grapes 4130
kumquats 7355
Lilium longiflorum 9020
olives 8354
peaches 8592, 9490
pecans 4033
Pelargonium peltatum 1125
Perilla frutescens 6010
raspberries 8637
rough lemons 5684
satsumas 2058, 2851
sweet peas 4368
tulips 3532
woody plants 3592
Zingiber officinale 9125
histology
grapes 9588
Papaver somniferum 7293
Prunus 1602
tomatoes 4324
interstocks, apples 7516
irrigation, mandarins 626
light
apples 1579, 5861
raspberries 7606
photoperiodism
Impatiens 1791
sweet peas 4368
physiology
Alstonia scholaris 2705
apples 5860
Matthiola incana 6224
Opuntia ficus-indica 7074
propagation, *Vaccinium corymbosum* 8643
seasonal variation
mangoes 10165
tea 3001
shade, *Capsicum* 7836
temperature
apples 5861
cucumbers 275
grapes 9594
Impatiens 1791
flavours, nutrition, celery 406
injuries
healing, peaches 5020
histology, peaches 5020
quality
assessment, *Asparagus* 9725
storage, *Asparagus* 1049
Shorea, reports, Sarawak 6619
Shorea stenoptera, seeds, composition 2018
Sida, as weeds, rubber 2953
Sida glaziovii, as weeds, *Phaseolus vulgaris* 2455
Sideritis
plant
composition 8292
essential oils 7299

Sideritis angustifolia
plant
composition
flavonoids 5633
terpenoids 5632
Sideritis cretica, plant, composition 5634
Sideritis funkiana
plant
composition 8292
flavonoids 5633
terpenoids 5632
Sideritis incana
plant
composition 8292
terpenoids 5632
Sideritis javalambrensis
plant
composition
essential oils 3643
flavonoids 5633
terpenoids 5632
Sideritis leucantha
plant
composition
flavonoids 2805, 5633
terpenoids 5632
Sideritis mugronensis
plant
composition
flavonoids 1998, 2805, 5633
terpenoids 5632
Sideritis scordioides, plant, composition, terpenoids 5632
Sideritis tragoriganum
plant
composition 8292
flavonoids 5633
terpenoids 5632
Sigesbeckia orientalis, plant, composition 3658
Silene compacta, seeds, viability, tests 6219
Silene gallica, as weeds, carrots 5353
Silene scabrifolia, plant, composition, steroids 8151
Silicates, utilization, growing media, Orchidaceae 6279
Silicon
composition
horticultural crops 6655
oranges 9229
Plumbaginaceae 8974
nutrition
cucumbers 2431, 9683
sugarcane 2983
Silphium perfoliatum, plant, composition, glycosides 6431, 8293
Silt, utilization, fertilizers, cherries 7561
Silver thiosulphate
responses
Begonia cheimantha 7964
Hibiscus rosa-sinensis 8107
ornamental plants 3475, 7898
roses 3588
tulips 3535, 5446
Silybum marianum, seeds, composition 8294
Simethis bicolor, roots, composition 8295
Simmondsia californica (*see Simmondsia chinensis*)
Simmondsia chinensis
buds, dormancy 4602
cultural methods
arid regions 3026
Italy 1382
cuttings, rooting, nutrition 8312
frost, tolerances 4620
irrigation, responses 4607, 10040
nutrition
nitrogen 8312
phosphorus 8312
potassium 8312
plant, development, phenology 10042
pollen, germination, physiology 609
production, USA 9210
products, oils 4611
reports
Cyprus 9316
Israel 744
salinity, responses 9212
seeds, composition 2020-2021, 6452
Simmondsia chinensis *cont.*
tissue culture
metabolites, production 1381
propagation, techniques 1383
water relations, physiology 10041
yields, correlation 10042
Sinapis, as weeds, onions 8753
Sinapis alba
cytology 9326
flowers
initiation
biochemistry 1255, 1898
photoperiodism 1255
physiology 9939
photosynthesis, light 2730
plant
composition
enzymes 2728, 9124, 9665
lipids 4487
seeds
development, histology 2729
morphology 6912
utilization, erosion control 467
Sinapis arvensis, as weeds, *Phaseolus vulgaris* 286
Sinningia
cultivars, characteristics, German Federal Republic 7152
cultural methods, pot plants 6177
protected cultivation, energy requirements 2138
transport, injuries 7903
Sinningia cardinalis, protected cultivation, temperature 9824
Sinningia speciosa, cultural methods, pot plants 9015
Sisal (*see Agave sisalana*)
Sisyrinchium, plant, composition, phenolic compounds 9785
Sisyrinchium californicum, taxonomy 1143
Sisyrinchium douglasii, taxonomy 1143
Sisyrinchium sarmentosum, taxonomy 1143
Sitona lineatus, reports, UK 746-747
Sium sisarum, cultural methods 2556
Small fruits
cultivars, history, USSR 131
cultural methods
Belgium 3188
books 3865
frost, resistance, physiology 1764
plant, development 3011
planting, mechanical methods 6777
reports
Canada 3881
Irish Republic 3883
Switzerland 7461
UK 3025, 4829
storage
quality, cultural methods, reviews 5078
systems, assessment 5078
weed control 3077
Smilacina racemosa, rhizomes, development, physiology 5454
Smilax aspera, plant, composition, sapogenins 551
Smilax china, plant, composition 1146
Smithsonia, taxonomy, nomenclature 1841
Snow, responses, apples 7524
Sodium
absorption
bananas 8377, 10122, 10124
Petunia 4360
sour oranges 3751
tomatoes 2532-2533, 6128
woody plants 3590
composition
Citrus 4668
coconuts 7402
grapes 7683
Grevillea 8106
oranges 9229
pears 4030
Plumbaginaceae 8974
tropical fruits 7383
vegetables 3266, 7694
determination, horticultural crops 8496
Sodium *cont.*
metabolism
nitrogen
cucumbers 2429
strawberries 1631
phosphorus, pecans 8610
physiology, *Citrus* 10077
salinity, *Vaccinium ashei* 8645
nutrition
Amaranthus tricolor 6163
Capsicum 6993
rubber 5760
requirements
analysis
guavas 6540
tomatoes 7024-7025
responses
Agave 1187
Oxalis regnellii 3511
toxicity, *Citrus* 4643
translocation
pomegranates 8365-8366
tomatoes 2533, 2540, 4327, 8940
Soil aeration
equipment, pears 6757
responses
pears 6757
Vaccinium corymbosum 7619
Soil amendments
bark
apples 9439
Deutzia scabra 491
Forsythia intermedia 491
strawberries 8674
Vaccinium corymbosum 9551
coal
Deutzia scabra 491
Forsythia intermedia 491
dolomite, avocados 7315
gypsum
avocados 7315
sugarcane 2982
industrial wastes, *Phaseolus vulgaris* 5269
lime, black currants 9538
microorganisms, tea 6584
mushroom compost, cucumbers 8839
peat
apples 808
Calluna vulgaris 6292
Deutzia scabra 491
Erica 6292
Forsythia intermedia 491
Vaccinium corymbosum 9551
plant residues, sugarcane 2982
poultry manure
avocados 7315
cucumbers 8839
sewage sludge
lettuces 6902
spinach beets 3307
tomatoes 1080
sulphur, *Vaccinium corymbosum* 9551
sulphuric acid, sugarcane 2982
Soil compaction
responses
apples 2180, 3924
lawns and turf 1820-1821
peas 315, 6072
Phaseolus vulgaris 1018
radishes 5221
sugarcane 3836
Soil conditioners
responses
tomatoes 9740-9742, 9748-9750
vegetables 9739
Soil fumigation
chloropicrin
chrysanthemums 3490
strawberries 8653, 8674
tomatoes 2518
dazomet
apples 5847-5848
cherries 5847
chicory 8779
dichloropropane, chicory 8779
dichloropropene
chicory 8779
tomatoes 2518
fenamiphos, chicory 8779

Soil fumigation *cont.*
metham
apples 5847-5848
cherries 5847
chicory 8779
methyl bromide
apples 8524
chrysanthemums 3490
strawberries 8653, 8674
methyl isothiocyanate, tomatoes 2518
Soil heating
equipment
greenhouse crops 749, 4861
horticultural crops 3033
strawberries 5096
tomatoes 5325
watermelons 5244
responses
cucumbers 2425
Gerbera 9805
Saintpaulia 9809
watermelons 5244
Soil management
equipment
grapes 9573
lettuces 243
responses
apples 2180, 2193, 3946-3947
Asparagus 5307
bananas 7393
black currants 3193
coconuts 4731
grapes 5126
pecans 5058
sugarcane 3833
temperate fruits 2156
tomatoes 2518, 3419
systems
apples 808, 1573, 3924, 7529, 8518
black currants 3193
coffee 9268
cucumbers 4192
grapes 167-168, 910, 2307, 8701
hops 5554
peaches 4020
pecans 5058
Phaseolus vulgaris 4212
plums 2262
tea 10215
temperate fruits 9382
tomatoes 2518, 3419
Soil pH
responses
Averrhoa carambola 2102
avocados 1391, 3733
bananas 7392
cabbages 6916
grapes 2316
Leguminosae 2679
mangoes 1391
peaches 5883
plants 6628
radishes 6927
tomatoes 7023
Vaccinium 4071
Vaccinium ashei 8646
Vaccinium corymbosum 5081-5082, 7614
Vaccinium macrocarpon 7620
vegetables 8729
woody plants 2679
soil management
apples 3946
pecans 5058
Soil pollution (*see* Pollution)
Soil salinity (*see also* Salinity)
irrigation, tomatoes 3425
Soil sickness
apples 4911, 8524
fruit crops 6659
Soil structure
responses
salsify 6905
Vaccinium corymbosum 7619
soil management, apples 2180
Soil temperature
mulching
Chinese cabbages 1699
greenhouses 4844
horticultural crops 4842, 8490
tomatoes 3426
Soil temperature *cont.*
mulching *cont.*
vegetables 5959
responses
Capsicum 6091, 6093
Citrus 635, 7351
cucumbers 2416-2417, 5237
Iris 9836
oranges 3754
Vicia faba 4225
Soil water (*see also* Waterlogging)
cultural methods, lawns and turf 8012
intercropping
Syzygium aromaticum 9940
tea 9940
measurement, oranges 2847
rain, cocoa 8382
rainfall runoff relationships, rubber 6556
responses
apples 803, 1571, 3101, 9412
avocados 3733
black currants 7595
Capsicum 5310
celery 3317, 5361
lettuces 3317, 5361
Litchi 8347
oil palms 2088
onions 1665
oranges 2846, 3754
Parthenium argentatum 610
passion fruits 10108
pears 3169
peas 5286, 5288, 7819
poinsettias 9082
quinces 3101
spinach 1668
sugarcane 704, 3849
Vicia faba 3369, 4227
Soilless culture
cultivars
chicory 8781
melons 8831
cultural methods
carnations 8727
roses 8727
strawberries 8727
tomatoes 8922
vegetables 8727
diseases
chrysanthemums 6201
cucumbers 9684
spinach 224
disorders, cucumbers 8843
growing media
Cissus antarctica 9034
cucumbers 2426, 9678
Erica darleyensis 5489
Gerbera 1771
horticultural crops 6656
Philodendron scandens 9034
radishes 9667
tomatoes 3430, 5334, 6125, 7022, 8924, 8926
irrigation, tomatoes 360, 1537, 7052
nutrient solutions
aeration, carrots 3455
composition
aubergines 350, 7005
Capsicum 350, 7005
carrots 3455
cucumbers 350, 6940, 8822
Erica darleyensis 5489
foliage plants 9033
lettuces 8790, 8794
melons 7005
tomatoes 7025, 7030, 8822, 9748
salinity 9680
tomatoes 7866
temperature
lettuces 8794
Petroselinum crispum 9122
spinach 224
tomatoes 1077, 8925
volume, tomatoes 7022
nutrition
Capsicum 5961
carnations 8976
cucumbers 5961, 6942, 8837, 9683
foliage plants 8043
Soilless culture *cont.*
nutrition *cont.*
horticultural crops 4862
melons 6944
roses 5504
tomatoes 202, 363, 1080, 3430, 5961, 8933
responses, tomatoes 3450
systems
assessment
lettuces 5223, 9652
Orchidaceae 3566
ornamental bulbs 1145
Phaseolus vulgaris 891
pot plants 2661
radishes 5223
strawberries 891
tomatoes 8927
reviews 9747
vegetables 1078
containers
cucumbers 2426
tomatoes 2524
hydroponics
cucumbers 1076
lettuces 1691, 5223
ornamental plants 1077
Pelargonium roseum 2741
radishes 5223
tomatoes 1076-1077, 5335, 8928
vegetables 2337, 5960-5961
nutrient film techniques
carnations 8975
cucumbers 6940
greenhouse crops 3036
lettuces 1691, 5223, 8790
ornamental plants, tropics 21
Petroselinum crispum 9121
radishes 5223
strawberries 5914, 8728
tomatoes 1537, 2521, 7866, 8932, 9746
vegetables 5961, 8728
tropics 21
Solanaceae
pests
Tetranychus urticae 2436
Trialeurodes vaporariorum 2436
species, Papua New Guinea 3396
taxonomy
chemotaxonomy 7470
nomenclature 3396
wild plants, surveys, reviews 8720
Solandra, plant, composition, alkaloids 5568
Solandra grandiflora, plant, composition, alkaloids 4587
Solanum (*see also* Aubergines)
as weeds
cucumbers 8826
grapes 5929
vegetables 4139
fruits, composition 9197
plant
composition
alkaloids 9145
steroids 608
wild plants, surveys 8720
Solanum aculeatissimum, tissue culture, metabolites, production 1364
Solanum aviculare
diseases, *Phytophthora infestans* 1365
taxonomy, chemotaxonomy 7470
tissue culture, metabolites, production 1999
Solanum dulcamara
nutrition, nitrogen 10033
photosynthesis
light 10033
nitrogen 10033
Solanum khasianum, cuttings 2000
Solanum laciniatum, seeds, quality, assessment 2001
Solanum lyratum, fruits, composition 1366
Solanum macrocarpon, taxonomy, chemotaxonomy 7470
Solanum muricatum, pests, *Sceliodes cordalis* 1092
Solanum nigrum
as weeds
chicory 7730

Solanum nigrum *cont.*
as weeds *cont.*
tomatoes 6121, 8917
nutritional value 2557
taxonomy, chemotaxonomy 7470
Solanum nigunamericanum, as weeds, carrots 5353
Solanum pubescens, plant, composition, alkaloids 9198
Solanum quitoense
cultural methods 1443
wild plants, surveys 8720
Solanum sarrachoides
as weeds
tomatoes 6121
vegetables 4141
Solanum seaforthianum, taxonomy 3396
Solanum surattense, seeds, composition 4588
Solanum torvum
as rootstocks, aubergines 348
plant, composition, saponins 600
Solanum wrightii, fruits, development, biochemistry 2002
Solanum xanthocarpum, plant, composition 4533, 8904
Solar radiation
injuries, *Phaseolus vulgaris* 6053
interception, assessment, fruit crops 6632
measurement, rubber 1502
responses
apples 5861
Capsicum 7836-7837
grapes 1641, 6831
sugarcane 4781, 6570
vegetables 5962
utilization
energy sources 2134, 7485
greenhouse crops 27-29
greenhouses 3032, 3037, 3902, 4856, 4860, 5817, 6652, 9337
heating systems, greenhouses 6647
physiology, sugarcane 2988
Soleirolia soleirolii
plant, development, humidity 9790
shade, responses 9040
Solenopsis, control, of *Perileucoptera coffeella,* coffee 684
Solidago altissima, leaves, spectral data 7495
Solidago canadensis, plant, composition, flavonoids 6353
Solidago drummondii, plant, composition, terpenoids 3712
Solidago flexicaulis, plant, composition, terpenoids 3712
Solidago gigantea, plant, composition, sapogenins 10034
Solidago petradoria, plant, composition, terpenoids 9141
Solidago racemosa, plant, composition, terpenoids 3712
Solidago virgaurea
plant
composition
flavonoids 6353
glycosides 2806, 9199
Soliva pterosperma, as weeds, lawns and turf 1817
Solomon Islands, cocoa, cultural methods 2075
Somatic hybridization, ornamental plants 2130
Sonchus oleraceus
as weeds
Gladiolus 9012
onions 8753
plant, composition 9135
Sophora flavescens
plant
composition 7300
flavonoids 2807, 5635
roots, composition 1367
Sophora japonica
landscaping, industrial sites 4431
pollution
hydrogen fluoride 4435
ozone 4435
seeds, treatment 3496
Sophora microphylla
cultural methods, pot plants 7222
cuttings 7222
Sophora secundiflora, plant, composition, alkaloids 9115
Sophora velutina, plant, composition, alkaloids 6432
Sorbitol
biosynthesis, apricots 3983
composition, plums 124
metabolism
fruiting, apples 1587
growth regulators, apples 3105
ripening, apples 3117
temperature
apples 3113
peaches 3113
translocation, apricots 3983
utilization, tissue culture, apples 75
Sorbus
as rootstocks, *Amelanchier alnifolia* 869
wild plants, surveys, China 6678
Sorbus aucuparia
as rootstocks, *Amelanchier* 3595
cultivars
characteristics, UK 8057
edible cultivars 4051
fruits, composition 4051
pollution, tolerances 475
Sorbus domestica
climate, requirements 9322
history, UK 1894
Sorbus intermedia
as rootstocks, *Amelanchier* 3595
planting stock, defoliation 4434
Sour oranges
as rootstocks
Citrus 4631, 5669
grapefruits 3738, 4657, 5663, 10071
lemons 5668, 7323, 7339
mandarins 2876, 4624, 4629
oranges 1394, 2848, 6470, 7334, 7358
cultivars, characteristics, Cuba 6464, 10060
diseases, *Sphaeropsis tumefaciens* 9236
fruits, composition 615
mycorrhizas 2854-2855, 3747, 8330
nutrition
calcium 7336-7337
nitrogen 10063
phosphorus 2854-2855, 8330
pests
Belonolaimus longicaudatus 2861
Diaprepes abbreviatus 621
plant
composition 1283, 4536
pigments 6668
polysaccharides 2843
products, essential oils 4670
pruning, responses 10073
ringing, responses 10073
rootstock scion relationships
biochemistry 2843
nutrition 6463
salinity, injuries 3751
seedlings
development, growth regulators 10084
production
cultivars 6464
cultural methods 4627-4628
seeds, germination, culture media 4627-4628
tissue culture, propagation, techniques 7322
water relations, physiology 3737
South Africa
cherries, cultivars 3992
clementines, cultivars 2839
guavas, cultivars 2082
horticultural crops, new journals 3861
Ixia, species 4405
medicinal plants, surveys 4534
oranges, cultivars 8321
Parthenium argentatum, cultural methods 4615
pummelos, cultivars 2038
satsumas, cultivars 5666
tomatoes, pests 1736
South America
Epidendrum, species 4425
fungi, edible species, surveys 8961
medicinal plants, surveys 1928, 9143
Spacing
Amaranthus cruentus 1098
apples 790, 797, 2172, 3100, 4880, 4889-4890, 4898, 4900-4904, 4906-4908, 4914, 4921-4923, 4926, 5832, 5839-5840, 5845, 5850, 7515, 7521, 8516-8517, 9410, 9419
Asparagus 340, 4284, 9725
Asparagus setaceus 6271
aubergines 4301
bananas 1453, 2070, 4687, 7391, 8374, 10131
beetroots 945, 4151, 9622
black currants 3194
boysenberries 880
broccoli 1697, 5209, 5215
cabbages 255, 9659
Capsicum 2505, 3401, 6089, 6990-6991
cardoons 954
Carica pentagona 6512
carnations 1114, 2577
carrots 5359, 6151, 7067
Catharanthus roseus 8198
cauliflowers 254
celeriac 1096
cherries 4969, 8567-8568
Chinese cabbages 2334
Citrus 7324
coconuts 672
coffee 1471, 2080, 2915-2916, 6536, 10138, 10141
Coriandrum sativum 8120
Crataegus pubescens 130
cucumbers 2415, 2422, 7767, 7775, 9681
Curcuma longa 9119
Cyamopsis tetragonoloba 2476
Cymbopogon martinii 511, 5541
Cymbopogon winterianus 514
Dahlia 1149
garlic 3269-3270, 6858
Gladiolus 437
Gladiolus grandiflora 7978
grapes 2307, 5124-5125, 5144, 8706
Herniaria glabra 10006
Ipomoea aquatica 6165
Jasminum grandiflorum 8133
kohlrabi 7750, 9658
leeks 6863, 7702-7703, 8742
lettuces 2384, 6897, 7737
marrows 7770
Mentha piperita 1911
Mentha spicata 1913
Narcissus 3527
nectarines 843, 4998-4999, 5878
oil palms 9277
okras 1051, 7829
olives 1437, 6505
onions 941, 3286, 3290, 4149, 5177, 6868-6869, 6871, 6876, 7706, 8754, 8757, 8760
oranges 2040
Origanum majorana 4513
Panax quinquefolius 6417
pawpaws 1498, 4766
peaches 3141, 4998-4999, 5013, 5878-5880, 6749, 8584
pears 851, 4890, 4926, 5034
peas 2480, 8455
Phaseolus vulgaris 284, 1013, 2459, 3360, 8850-8851, 9699
Physalis ixocarpa 7060
Physalis peruviana 8688
Pimpinella anisum 1915
pineapples 2947, 6553
Piper betle 2818
Platycodon grandiflorus 5422
plums 5893, 8568
Psophocarpus tetragonolobus 4278
radishes 2334
Raphia 5654
raspberries 7601
red currants 2273
roses 8080
Salvia officinalis 1254
shallots 3294

Spacing *cont.*
strawberries 144, 893-894, 5095, 5910, 6806-6807, 6814, 7639-7640, 7644, 8661-8664
sugarcane 704, 706, 710, 4785, 6569-6570, 10191
Tanacetum parthenium 9006
tea 723, 1514, 6583, 9300
temperate fruits 2156, 3078
tomatoes 363, 1070
Trachelium caeruleum 7133
Vaccinium 7615
Vaccinium ashei 7618
Vaccinium corymbosum 6795
Valerianella locusta 7075
Vicia faba 310, 3365-3366, 3370, 4225, 6966-6967, 8867
Vigna unguiculata 6980
Viola tricolor 4374
Withania somnifera 4598
Spain
apples, economics 3075
apricots, economics 3075
Asparagus, economics 3075
carnations, cultivars 9796
Citrus, production 641
Gladiolus, cultivars 7970
grapes
cultural methods 5112
rootstocks 906
Lilium, cultivars 7983
medicinal plants, surveys 8163
oranges, cultivars 618
ornamental plants, cultural methods, conferences 7456
peaches, economics 3075
subtropical fruits, production 6513
sugarcane, cultivars 2958
tropical fruits, production 6513
Vicia faba, cultivars 3364
Spalax leucodon, tea 3000
Spartina maritima, landscaping, coastal areas 4875
Spartium junceum, plant, composition, flavonoids 6323
Spathiphyllum
cultural methods, pot plants 1200, 2645, 5462, 8035
diseases, *Cylindrocladium spathiphylli* 9885
transpiration, seasonal variation 9039
Spathiphyllum cannifolium, cultivars, diseases 9885
Spathiphyllum floribundum
cultivars, diseases 9885
soilless culture, nutrient solutions, composition 9033
Spathiphyllum lechlerianum × ***Spathiphyllum floribundum,*** cultivars, diseases 9885
Spathiphyllum wallisii
flowers, anatomy 9003
tissue culture, propagation, micropropagation 1824
Spergula arvensis, as weeds, *Phaseolus vulgaris* 5265
Sphaeropsis tumefaciens, *Citrus* 9236
Sphaerotheca fuliginea
cucumbers 8818, 8820, 8842, 9683
Lagenaria siceraria 3345, 5251
melons 262, 3337-3338, 6011
Sphaerotheca macularis
hops 1269, 6344
strawberries 5090, 6801, 8676
Sphaerotheca mors-uvae, black currants 4056, 7591, 8631
Sphaerotheca pannosa
apricots 831
nectarines 2244
peaches 2244
Prunus laurocerasus 7220
roses 4449, 7201
Sphaerotheca pannosa* var. *persicae, peaches 4878
Sphaerotheca pannosa* var. *rosae
Rosa 1226
roses 5251
Sphagnum compactum, plant residues, utilization, growing media 7414
Sphyrarhynchus schliebenii, chromosomes 9055
Spice plants
cultivars, characteristics, Hungary 20
cultural methods, USSR 9942
products 8118
reports
Canada 6611
India 1531
research, Tuvalu 3888
surveys, Morocco 9934
wild plants, surveys, Nepal 7465
Spigelia anthelmia, plant, composition 8159
Spilonota ocellana, *Vaccinium* 140
Spinach
cultivars
assessment, USSR 7685
characteristics
India 5976
Romania 7733
winter hardiness 5186
yields 5186
diseases
Albugo occidentalis 6880
Peronospora farinosa 6880
Pythium 224
flowers, initiation, biochemistry 8778
frost
injuries 6886
resistance
biochemistry 1684
cultivars 1685
physiology 1685
salinity 6885
harvesting, techniques, mechanical harvesting 952
herbicides, injuries 4139
insecticides, determination 2142
leaves
biochemistry, calcium 4153
development
biochemistry 7717
physiology 8769
histology 9635
physiology 7718
senescence 2373, 5981, 7720
nutrition
chlorides 3298
chlorine 6888
magnesium 1669
manganese 1669
manures 289, 2343, 3261
molybdenum 1669
nitrogen 1658, 3298, 3306, 5977, 6152, 6888, 6901, 8731
phosphorus 1658, 9630
potassium 1658
trace elements 1658
pesticides, residues 3908
photoperiodism 5195
photosynthesis
antioxidants 2373
biochemistry 210, 226, 1670-1672, 1676-1677, 1679-1680, 1682, 1720, 2371-2372, 3299, 3301-3304, 3912, 5190, 5192-5193, 5978-5979, 6883, 7491, 7719, 8770, 8772-8773, 9627-9628, 9631, 9634
reviews 7817
carbon dioxide 3915
inhibitors 327, 1673, 2372, 6881
light 225, 3915, 5188, 6884, 7719
measurement 8462
nutrition 8774, 9630
oxygen 6883
phosphorus 1678
photoperiodism 1681
physiology 1674, 3300, 4868, 5980, 7718, 8771, 9629, 9632-9633
pollution 6882, 9332
potassium 227
research 766, 6884
temperature 1683
water relations 227, 4152
plant
composition
carbohydrates 5194-5195, 8769
carbon 8464
carotenoids 3919
chlorophyll 5187
cytochromes 1675, 5189
Spinach *cont.*
plant *cont.*
composition *cont.*
enzymes 228-230, 1686, 2374, 3305, 5191, 5196, 5225, 5982, 6887, 7721, 8776-8777, 9327, 9636
fatty acids 3891
glycosides 2375
heavy metals 3266
nitrates 3306, 4154, 5194-5195, 6888, 6901, 7723, 8769
nucleic acids 4155
photosynthates 5821
pigments 6668
polyamines 3917
proteins 5187
sulphur 2127
vanadium 7722
development, measurement 7466
pollution
acids 7475
heavy metals 6882
ozone 1667, 7686
phthalates 6640
technetium 9332
protected cultivation, nutrition 6901
reports
Belgium 8452
Switzerland 15
UK 4828
respiration
biochemistry 948
temperature 2350
seedlings
development, biochemistry 8775
production, growing media 1668
seeds, treatment 5163, 6880
soil water, responses 1668
soilless culture, diseases 224
storage
biochemistry 9638
temperature 9638
tissue culture
biochemistry 950, 1547, 9637
protoplasts 951
water relations
physiology 949
potassium 227
weed control 930
Spinach beets
nutrition
calcium 3262
nitrogen 3262
plant, composition, carotenoids 3919
soil amendments 3307
storage 6889
Spiraea, herbicides, injuries 471
Spiraea bumalda, tissue culture, explants, sources 3593
Spiraea japonica
cultivars, characteristics, USA 3609
cuttings 3609
mulching
materials 2678
responses 2678
shoots, development, growth regulators 3592
Spiraea latifolia, as weeds, *Vaccinium* 4070, 5080
Spiranthes, flowers, movements, physiology 4430
Spiranthes sinensis, cultural methods, pot plants 1203
Spiranthes spiralis, chromosomes 3565
Spiroplasma citri
Citrus 3753
Cynodon dactylon 3753
Spodoptera eridania, tomatoes 7044
Spodoptera exigua, tomatoes 7043
Spodoptera littoralis, *Gerbera* 8981
Spodoptera litura, *Capsicum* 4297
Spondias, fruits, characteristics 5918
Spondias mombin, plant, composition 8177
Sporobolus indicus, as weeds, oranges 5675
Spraying
coverage
assessment
apples 1576-1577
horticultural crops 1545, 8491

Spraying *cont.*
coverage *cont.*
assessment *cont.*
peaches 4021
equipment
apples 1576, 4933
apricots 4835
Areca 3775
aubergines 6100
Citrus 625, 634
cocoa 2905
grapes 3234
greenhouse crops 19
horticultural crops 4863
oil palms 1488
oranges 6484
strawberries 3208
sugarcane 718, 9296
tea 1517, 10219
temperate fruits 3081
tomatoes 6133
techniques
aerial spraying
cashews 4710
grapes 9587
assessment
apples 2186, 7537
fruit crops 777, 9381
horticultural crops 1545
olives 2890
temperate fruits 1561
tomatoes 7042
Squashes (*see also Cucurbita*)
cultivars, characteristics, USA 8721
diseases, viruses 2435
harvesting, equipment 8734
irrigation
responses 5242
systems 5242
marketing, USA 9610
nutrition, nitrogen 6943
pests, *Bemisia tabaci* 2435
plant
composition
enzymes 8845
vitamin B 5167
processing, quality, cultural methods 7792
reports
Canada 9313
New Zealand 6617
seeds, treatment 2413
weed control 8825
Sri Lanka
coffee, cultural methods 3800
fruit crops, research 2896
St. Augustine grass (*see Stenotaphrum secundatum*)
Stachys, flowers, colour, biochemistry 9791
Stachys annua, plant, composition, essential oils 528
Stachys officinalis, plant, composition, essential oils 528
Stachys palustris, plant, composition, essential oils 528
Stachys recta, plant, composition, essential oils 528
Stachys sieboldii
cultural methods, France 9773
plant, composition, glycosides 4344
Stachys sylvatica, plant, composition, essential oils 528
Stagonospora curtisii, *Hippeastrum* 1164
Staking
economics, *Piper betle* 2822
responses
Psophocarpus tetragonolobus 4279
tomatoes 3427
systems
apples 5851
Cupressocyparis leylandii 9334
Cupressus 9334
grapes 2310
tomatoes 2522, 3427
Starlings, cherries 1601
Stathmopoda, *Vaccinium corymbosum* 7625
Statistical methods
experimental designs
bananas 6516
carrots 7469
Statistical methods *cont.*
experimental designs *cont.*
sugarcane 3830
mathematical models
climate, greenhouses 9341, 9352-9353, 9359-9360
drying, horticultural crops 6677
energy requirements, greenhouses 6648
germination, *Crataegus tracyi* 7211
growth
apples 5860-5861
chrysanthemums 5392
grapes 5147
lettuces 2385
Pelargonium hortorum 5401
harvesting
fruit crops 53
grapes 6847
heat retention, greenhouses 9345-9346
heating systems, greenhouses 9347
irrigation
sugarcane 2980
vegetables 6854
light, greenhouses 9344
mechanical properties, fruit crops 5825
optical properties, horticultural crops 774
phenology, grapes 5148
photosynthesis, cucumbers 6029
physiology
cucumbers 5236
tomatoes 5340
replanting, apples 5849
respiration, cucumbers 2439
solar radiation, vegetables 5962
spacing, coconuts 672
storage
apples 2210
horticultural crops 772
temperature
cucumbers 2444
greenhouses 9355
Ilex 6295
olives 1435
ventilation, greenhouses 9343
water relations, *Valerianella locusta* 2560
wind, greenhouses 5815
yields
apples 5846
cucumbers 2444
grapes 5147
sugarcane 3848
vegetables 5962
sampling
carrots 7469
peaches 103
Stauntonia hexaphylla, landscaping, USA 8098
Stecklings
production, radishes 3330
size, carrots 5359
storage, carrots 2553
Steganotaenia araliacea, plant, composition, lignans 6433
Stellaria holostea, plant, composition, flavonoids 6434
Stellaria media
as weeds
carrots 5353
fennel 1097
pome fruits 78
Scorzonera 7743
vegetables 4141
Stemphylium solani, tomatoes 4308, 7855, 7857
Stemphylium vesicarium, pears 5042
Stenotaphrum secundatum
cultivars
identification 3544
shade 6253
irrigation, responses 1178
roots, development, irrigation 1178
Stephania japonica, fruits, composition 2003
Stephania rotunda, plant, composition, alkaloids 601
Stereospermum chelonoides, transpiration, seasonal variation 9039
Stereospermum kunthianum, plant, composition, lignans 2004
Stereum hirsutum, grapes 5935
Sternbergia, bulbs, production, cultural methods 9843
Sternbergia lutea, bulbs, composition 6250-6251
Sternochetus mangiferae, mangoes 5751
Sternocolaspis quatuordecimcostata, mangoes 6543
Steroids
characterization, *Solanum lyratum* 1366
composition
Ajuga reptans 4541
Astragalus 8188
Blechnum minus 7253
Calophyllum inophyllum 9155
Chamaerops humilis 6273
Costus speciosus 9167
Cryptocoryne spiralis 7278
Datura 608
Dioscorea parviflora 3680
Isoplexis chalcantha 3687
Jatropha podagrica 3689
Leuzea carthamoides 9139
Luvunga scandens 520
Pachysandra terminalis 8265
Physalis angulata 608
Polygonatum stenophyllum 1355, 6421
Rhaponticum carthamoides 8282
Sansevieria rorida 599
Sideritis 5632
Silene scabrifolia 8151
Solanum 608
Trachycarpus wagnerianus 6273
Vitex glabrata 10038
Withania obtusifolia 608
Withania somnifera 8310
metabolism
light, *Serratula coronata* 5565
seasonal variation
Costus speciosus 4559
Serratula coronata 5565
production
cultural methods, *Yucca gloriosa* 2667
tissue culture, *Tribulus terrestris* 6441
responses, *Vicia faba* 4232
Sterols
biochemistry, tomatoes 2541
characterization
Acanthosicyos horridus 8170
Ecballium elaterium 8228
fungi 2566
Nervilia purpurea 1206
Xanthoceras sorbifolium 4599, 6449
composition
Astragalus glycyphyllos 7262
bactericidal plants 3659
Balanites aegyptiaca 6588
Cassia obtusifolia 9160
Celosia argentea, Amaranthus 8991
Citrus 1418
Compositae 1287
Cuscuta chinensis 3678
Delphinium staphisagria 8222
Euphorbia ruspolii 576
fungi 2566
Gardenia lutea 4566
Gypsophila struthium 5648
Ipomoea dichroa 5611
Jatropha curcas 589
Mitrephora heyneana 8275
Myrianthus arboreus 3696
Nigella sativa 4369
Ononis natrix 4576
Perilla frutescens 9189
Polyalthia 8275
Ruellia tuberosa 9194
Streblus asper 5636
Tetradium daniellii 2808
Verbena officinalis 5644
Vicoa indica 9206
metabolism
salinity, *Citrus* 3750

Sterols *cont.*
metabolism *cont.*
seasonal variation, Jerusalem artichokes 1687
storage, apples 3974
temperature, *Morus bombycis* 5876
production, tissue culture, *Saponaria officinalis* 1361
Stethorus bifidus, control, of *Tetranychus urticae,* raspberries 4062
Stevia rebaudiana
cuttings, development, assessment 3732
nutrition 2828, 3732
manures 9217
trace elements 3730
plant
composition
essential oils 5551
glycosides 614, 2035, 3731, 4618
terpenoids 9218
yields, correlation 6454
Stigmella juglandifoliella, pecans 5061
Stigmella malella, apples 3959
Stigmina, cherries 7557
Stigmina carpophila
almonds 4885
apricots 831, 3979
Stimoryne, flowers, development, genetics 4357
Stipa bigeniculata, seeds, treatment 5457
Stocks *(see Matthiola)*
Stokesia laevis, plant, composition, anthocyanins 7096
Stomata
biochemistry
light
peas 7811
Vicia faba 7811
development
cultivars, aubergines 7845
environment, *Begonia* 6231
stresses, lettuces 1660
histology
coconuts 6550
Cruciferae 3324
oil palms 6550
movements
biochemistry
Pelargonium 308, 1127
Vicia faba 305, 308, 1127
carbon dioxide
Pelargonium 307, 1126
strawberries 1633
Tradescantia virginiana 1126
Vicia faba 307, 1126
cultivars, coffee 2925
diurnal variation
coffee 2925
Curcuma longa 9120
drought
coffee 2925
Hedera helix 9078
environment
Phaseolus vulgaris 4217
Vicia faba 4217
flooding, *Vaccinium corymbosum* 9552
growth regulators
Ligustrum lucidum 3604
olives 10107
tomatoes 5344
Valerianella locusta 8957
Vicia faba 4240
histology
Pelargonium 308
Vicia faba 308
humidity
mandarins 9237
Pelargonium 422
Vicia faba 422
light
Curcuma longa 9120
Hedera helix 9078
Pelargonium 1127
Vicia faba 1127
physiology
coconuts 1494, 6550
oil palms 1494, 6550
Pelargonium 307
Vicia faba 307, 2475, 4234

Stomata *cont.*
movements *cont.*
senescence, *Tropaeolum majus* 3515
soil water, pears 3169
temperature, grapes 9593
water relations
Arbutus unedo 7047
peaches 109
Phaseolus vulgaris 4218
tomatoes 7047
physiology
antitranspirants, tomatoes 7867
carbon dioxide
cucumbers 5256
peas 8859
Phaseolus vulgaris 8859
diurnal variation, *Valerianella locusta* 2560
drought
coffee 8391
fruit crops 2189
grapes 2321
olives 2893
peaches 2247
Poa pratensis 1821
Schefflera arboricola 2666
environment
oranges 5703
strawberries 2301
xerophytes 7492
flooding, *Vaccinium ashei* 7629
growth regulators
grapes 2320
peas 8859
Phaseolus vulgaris 8859
poinsettias 9082
roses 3587
humidity
Litchi 10099
plants 4870
light, *Vicia faba* 6063-6064
microclimate, horticultural crops 2144
pests, chrysanthemums 2589
photosynthesis, *Vicia faba* 2474
salinity, oranges 8329
seasonal variation
grapefruits 2870
Valerianella locusta 2560
soil water, poinsettias 9082
storage, *Hibiscus rosa-sinensis* 9922
temperature
grapes 7679
peas 8859
Phaseolus vulgaris 8859
tissue culture, *Vicia faba* 6063-6064
water relations
strawberries 7650
tomatoes 4315
Vicia faba 8868
woody plants 5513
waterlogging, *Actinidia chinensis* 3189
wind, grapes 4104
ultrastructure, *Vicia faba* 6062
Stone fruits
cultural methods
books 6591
mechanization 7498
economics, Czechoslovakia 7498
grafting, techniques, micropropagation 6465
irrigation, fertilizers, application 7464
plant, development 3011
production, Africa 748
pruning, systems, assessment 9383
reports
Argentina 741
Australia 4817, 6608-6609
Israel 7459
UK 3025
rootstocks, drought 2261
weed control 7500
Stooling
techniques
cashews 4696, 4702
Litchi 4673
Storage
biochemistry
Actinidia chinensis 4055, 9533

Storage *cont.*
biochemistry *cont.*
apples 1590, 3973-3974, 8551-8553, 8555
Asparagus 4286
black currants 2277
Bupleurum 9152
cabbages 2401, 2404
carrots 7884
Jerusalem artichokes 1688
mandarins 10091
mangoes 9274
melons 8848
nectarines 5024
onions 3292
oranges 1426
pears 122, 8607, 9512
spinach 9638
sugarcane 7439
buildings, horticultural crops 6592
cultivars
apples 827, 2159, 3124, 5834, 5836, 6727, 7508
cabbages 3254, 6908, 8810
carrots 3254
cauliflowers 248
garlic 7695
Jerusalem artichokes 1688
onions 939, 3254, 3281-3283, 6865
pears 858, 3167, 9511
tomatoes 2544, 6112
diseases
Actinidia chinensis 2270
apples 93, 785, 1592, 2217, 3975, 4949, 8501, 9437, 9471
bananas 665, 7398
cabbages 2388, 3326
Capsicum 6094
carrots 401, 6157, 8953
Citrus 2880, 6489-6490, 8343
grapes 199, 5954, 8717-8718
lemons 5712, 10092
lettuces 7742
Litchi 3771
mangoes 6545, 10174
melons 280
onions 5970
oranges 7359
peaches 3163, 4023, 6755, 8501
pears 93, 5050, 5052-5053, 8501
strawberries 4081, 5916
tomatoes 7056
Vaccinium corymbosum 7633
Vaccinium macrocarpon 8651
Zingiber officinale 503
disorders
apples 93, 785, 823, 1593, 2218, 3124-3125, 3127, 3973, 4950-4951, 6708, 6725, 6728, 8499, 9470, 9473
aubergines 9735
cabbages 2397, 8810
Capsicum 7843, 8899
Chinese cabbages 2403, 7753
Citrus latifolia 1428
cucumbers 2445, 9735
grapefruits 8344
grapes 5155
lemons 10092
lettuces 967
mangoes 4752
pawpaws 9282
pears 120, 2256, 5054, 8606-8608
pomegranates 9255
tomatoes 2545, 8796
Vaccinium macrocarpon 8651
humidity
Actinidia chinensis 5072
cabbages 2402
cocoa 2077
strawberries 5916
losses
Aronia melanocarpa 4084
Chinese cabbages 7752
garlic 1662
packing
apples 824
Asparagus 1048-1049
bananas 2902
Brassica 2398
Citrus 4665

Storage *cont.*
packing *cont.*
cucumbers 2409, 2445
lettuces 2387
onions 944
satsumas 2060
tomatoes 1744
pests
Citrus 6477
grapefruits 5711
horticultural crops 8451
lettuces 8793
melons 2446
pawpaws 9282
peaches 850
physiology
Actinidia chinensis 2269, 9535
apples 822, 2214-2215, 7551, 8551, 8554
Asparagus 4286
bananas 664, 1462
cabbages 2401
Chinese cabbages 7752
Citrus 3758
fruit crops 772
grapefruits 3760
hops 4525
Litchi 5722
mangoes 9273
onions 3291
oranges 6488
pawpaws 4768
pears 822, 3175, 5050
Piper betle 2825
plums 7583
Vaccinium corymbosum 6794
vegetables 772
precooling
apples 92, 821
Asparagus 1048-1049
cherries 838
oranges 8342
persimmons 92
strawberries 9561
subtropical fruits 8370
tropical fruits 8370
quality
assessment, apples 826, 4953
carbon dioxide, apples 821
cultivars
Asparagus 339
watermelons 8847
cultural methods
apples 2216, 4889
cabbages 8810
lettuces 9652
pears 3174
small fruits, reviews 5078
desiccants, onions 8746
environment, pears 3174
ethoxyquin, apples 6728
ethylene
apples 6726
tomatoes 1744, 7056
gamma radiation
garlic 6861
oranges 7360-7361
strawberries 8685
growth regulators
apples 815, 2211, 3126, 3972, 6726, 7550, 8549
garlic 935
grapes 5154
onions 2365, 9620
oranges 3759, 6488
handling, vegetables 5166
harvesting
Actinidia chinensis 9534
apples 2207
pears 120, 3173
satsumas 9240
harvesting date
apples 93
onions 3291
tomatoes 2544
injuries
grapefruits 1427
oranges 1427
insecticides, *Asparagus* 2500
irrigation
carrots 5355

Storage *cont.*
quality *cont.*
irrigation *cont.*
oranges 3759
tomatoes 5352
nutrition
apples 807, 3127, 6710, 6723, 6731, 9470
strawberries 6723
tomatoes 5352, 6723
provenance, apples 4894
rootstock scion relationships
apples 792, 824
mandarins 2876
spacing, apples 4880
sulphur dioxide, grapes 1638
surfactants, *Vaccinium macrocarpon* 7632
thinning, pears 2255
water relations, avocados 2836
storage dips
ascorbic acid, carrots 401
benzoic acid, sugarcane 719
butylamine, satsumas 2060
calcium chloride
apples 3124, 4948, 8553
mandarins 10091
pawpaws 9282
pears 3175
formaldehyde, sugarcane 719
fungicides
apples 93, 823, 3975, 4948-4949
bananas 3782, 7398
Capsicum 6094
Citrus 2880, 4665, 6490
fruit crops 6665
garlic 936
grapes 5954
mangoes 6545, 10169, 10174
melons 280
oranges 3759, 7359
passion fruits 4677
peaches 4023
pears 5052
growth regulators
bananas 3782, 4688
Citrus 4665
mandarins 2876
mangoes 4752
onions 5182
oranges 3759
satsumas 2060
insecticides, *Citrus* 644
mercuric chloride, apples 8501
oils, lemons 10092
potassium sorbate, dates 3767
sodium bicarbonate, pears 8501
sucrose esters
apples 2212
bananas 2902, 4688
waxes
bananas 2902, 3782
Citrus 3758, 4665, 8343
mandarins 2876
mangoes 10169
oranges 7359
passion fruits 4677
pawpaws 9282
plums 7583
systems
assessment
Actinidia chinensis 2270, 6785
apples 93, 2206, 2211, 2213, 3126
cherries 838, 8572
chicory 2379
coffee 8396
cucumbers 2409
Eleocharis dulcis 2558
fruit crops, conferences 3017
horticultural crops, books 2110
mangoes 10170-10171
onions 2366
pawpaws 9282
pears 5050, 5890, 8606
Piper betle 2824
small fruits 5078
spinach beets 6889
strawberries 6816
vegetables 211
conferences 3017

Storage *cont.*
systems *cont.*
assessment *cont.*
watermelons 6932
cold storage
Actinidia chinensis 9534
apples 4893, 8544-8545, 8547-8548, 8552
reviews 7548
Asparagus 1048
Capsicum 8899
carrots 6157
Chinese cabbages 7745, 7753
fruit crops 778
grapes 4135, 8718
leeks 8745
melons 280
onions 5973, 6865
oranges 6487
pears 122, 2254, 3173, 5051, 5890
strawberries 8686, 9561
subtropical fruits 8370
reviews 5735
tropical fruits 8370
reviews 5735
Vaccinium corymbosum 7633
Vaccinium macrocarpon 8651
vegetables 3264, 4143
controlled atmosphere storage
Actinidia chinensis 4054, 5072, 9534
apples 94, 821, 1589-1590, 2210-2211, 2214-2215, 3124-3125, 3972, 3974, 6725-6726, 6732, 8544-8547, 8549-8550, 8552, 9469
bananas 663, 3781
Chinese cabbages 2399, 7753
fruit crops 1555
horticultural crops 4874
leeks 8745
melons 280
pears 94, 121, 2254, 3166, 5051, 5053, 5890, 8607, 9511-9512
pomegranates 9255
satsumas 2878
tomatoes 7056
Vaccinium corymbosum 7633
vegetables 2400
hypobaric storage
lettuces 8793
Vaccinium corymbosum 7633
sulphur dioxide, grapes 1638, 3252, 5954, 8717
temperature
Actinidia chinensis 2269-2270, 5072
apples 827, 7551
atemoyas 1447
bananas 3781, 5740, 6524, 7397
Capsicum 6094, 7843
Chinese cabbages 7752
cocoa 2077
cucumbers 2409, 2445
lemons 1423-1425
mandarins 2876
mangoes 694, 9274, 10172-10173
melons 8848
mushrooms 2565
nectarines 845
onions 8766, 9621
pawpaws 4768, 9282
peaches 845
pears 3166
pomegranates 9255
spinach 9638
strawberries 5916
tomatoes 2544-2545, 6144
watermelons 9695
wraps
apples 7551
bananas 3782
Capsicum 6094, 8899
grapefruits 4666
grapes 8717
lemons 1423-1425, 4664, 10092
mandarins 2876
melons 280
natsudaidais 10089

Storage *cont.*
wraps *cont.*
passion fruits 4677
pawpaws 9282
peaches 8501
Straw
utilization
growing media
Coprinus comatus 1106
cucumbers 2423-2424
Cyclamen 1802-1803
mushrooms 1754
Pleurotus flabellatus 7082
Volvariella diplasia 2569
mulches
apples 1573, 3103, 3943, 8519
Chinese cabbages 1698-1699
ornamental plants 2678
Panax quinquefolius 6417
strawberries 2290, 7642, 8667
tomatoes 3419
overwintering, container grown plants 7471
protected cultivation, greenhouse crops 4853
soil amendments
cucumbers 9682
vegetables 2339
Strawberries
cold, resistance, cultivars 2290
cultivars
assessment 142
Belgium 143, 9559
France 5084
German Federal Republic 9554
Hungary 6799
India 887
Italy 5085-5088
USA 7636-7637, 8655-8657
USSR 4075, 6800-6801
biochemistry 887, 3211
characteristics
France 6802
Hungary 9555
Italy 776, 4876, 5089
Poland 9556
USA 4076
cultural methods 5091
defoliation 1630
diseases 8653-8654
growth 8679
growth regulators 7645-7646, 8673
harvesting 8684, 9558
history, USSR 131
mechanical harvesting 6798
mechanical properties 2303
nutrition 2294, 8675, 9558-9559
pests 8654
photoperiodism 8682
physiology 3209, 5100, 7635
planting date 1630, 5094
processing 4884, 7653
propagation 889, 2289, 5090, 8654, 8658-8659
protected cultivation 143, 891, 6802
spacing 144, 7639-7640, 8662
temperature 3205, 7641, 8666
yields 7635
cultural methods
Canada 8665
France 7634
high altitudes 1629
Japan 1629
Reunion 4074
deblossoming, responses 1632
defoliation, responses 1630
diseases
Botrytis cinerea 4081, 5912, 5916, 5939, 7647, 8676, 8678, 9556, 9560
Colletotrichum acutatum 4081
Diplocarpon earlianum 8653
Phomopsis obscurans 8677
Phytophthora 6658
Phytophthora cactorum 7647, 8678, 9560
Phytophthora fragariae 5099, 7637
Sphaerotheca macularis 8676
drought, resistance, physiology 5100
economics, France 9553

Strawberries *cont.*
flowers
initiation
assessment 3209
physiology 1634
thinning, responses 149
forcing 893
frost
injuries 7642, 8683
protection
cultural methods 2290, 8667
irrigation 8666
snow 8667
resistance 7641
fruits
aroma, biochemistry 3211
composition 870, 4884, 5075
development
biochemistry 5915, 6723
growth regulators 3210
irrigation 2291
parthenocarpy 3210
physiology 3210, 8683
position 1635
protected cultivation 8668
pruning 5091
water relations 7582
mechanical properties, assessment 2303
ripening
biochemistry 5915
irrigation 2291
storage 5916
thinning, responses 894
fungicides
determination 6663
disease resistance 5912
growth regulators
BA, responses 7645
flurprimidol, responses 8673
folcysteine, responses 7646
folic acid, responses 7646
GA
metabolism 5100
responses 7645, 8672
IAA, metabolism 5100
paclobutrazol, responses 2293, 8672-8673
growth retardation, growth regulators 2293
handling, techniques 2302, 4873, 6674, 7651
harvesting
equipment 150, 6815
seasons 8684
techniques, mechanical harvesting 144, 895, 6798, 6814
heat, resistance, cultivars 3205
herbicides
application 890
injuries 146, 5097, 5911, 7643
residues 6809
tolerances 49
irrigation
fertilizers, application 7464
frequency 2292
requirements, determination 147
responses 2291-2292, 6810
systems 4078, 8669
water, sources 4846
leaves
areas, assessment 4080
development, propagation 6804
physiology 2131
mulching
materials 148, 6807, 8670
responses 148, 2290, 6807, 8667, 8671
nutrients, requirements, analysis 6778
nutrition
boron 206, 8675
calcium 6812
green manures 892, 2298
magnesium 6811
manures 2294, 6813
nitrogen 1631, 2295-2296, 3206, 5098, 6810-6813
phosphorus 2295, 6810-6813
potassium 2295-2296, 3206, 6810-6813

Strawberries *cont.*
packing
containers 4082
precooling 4082
techniques 7652
pesticides, application 3208
pests
Aphelenchoides fragariae 2297
biological control, books 8439
Ditylenchus 2298
Ditylenchus dipsaci 2299, 2356
Otiorhynchus sulcatus 4079, 6291, 7649
Pratylenchus 7648
Tetranychus 9554
Tetranychus urticae 2300, 3207, 5913
Tortricidae 3926
photoperiodism 8681
photosynthesis
carbon dioxide 1633, 7650
environment 4869
fruiting 8680
oxygen 1633
photoperiodism 8682
physiology 2301
temperature 1633
water relations 7650
plant
composition
carbohydrates 8681
essential oils 3211
growth regulators 3210
phenolic compounds 552
photosynthates 8680
sugars 5915
development
altitude 5076
phenology 8679
thinning, responses 7644
planting
seasons 1630, 2290, 5092-5094, 6803, 6808
spacing 5095, 5910, 6807, 6814, 7639-7640, 7644, 8661-8662, 8664
systems 144, 5095, 5910, 6807, 7639-7640, 7642, 8660, 8663-8665
planting stock
production
techniques 4077, 5091-5093, 9557
tissue culture 889, 5090, 7638, 8658-8659
size 5093, 6805
types, assessment 6807
processing, cultivars 4884, 7653
products, wines 7653
protected cultivation
cultivars 5086-5088, 6802
cultural methods 891, 893, 5092
diseases 9560
economics 35, 9553
energy conservation 893
heating systems 3035, 5096
Italy 6625
light 5914
nutrition 6811
planting, seasons 6808
planting stock 6806
soilless culture 5914
spacing 6806
systems 5794
assessment 143, 8668
plastic film 5827, 5911, 5958, 9559
plastic tunnels 35, 148, 9558
pruning, responses 7640
reports
Canada 9313
Irish Republic 9317
Netherlands 6616
New Zealand 6617
Switzerland 15, 7461
UK 4825, 6621, 9320
USA 6623, 9321
respiration, temperature 2350
runners, production, techniques 888, 2289, 6803, 8654
salinity, responses 5100

Strawberries *cont.*
soil amendments 8674
soil fumigation 8653, 8674
soilless culture
cultural methods 8727
systems, nutrient film techniques 8728
storage 5916
diseases 4081
quality
gamma radiation 8685
nutrition 6723
systems
assessment 6816
cold storage 8686, 9561
temperature, responses, biochemistry 8681
tissue culture
propagation
micropropagation 5090, 9557
responses 6804
techniques 7638, 8658-8659
transpiration
carbon dioxide 7650
physiology 2301
water relations 7650
water relations, physiology 7650
weed control 145-146, 148, 890, 5097, 5911, 6809
yields, correlation 7635, 8683
Streblus asper
plant
composition 5636
cytotoxic compounds 3713
glycosides 1368
Strelitzia reginae
cut flowers, production, protected cultivation 7132
diseases, *Armillaria mellea* 4371
pests, *Chaetanaphothrips signipennis* 3558
plant, development, assessment 4370
Strepsicrates rhothia, guavas 689
Streptocarpus
cultivars, characteristics, German Federal Republic 1793, 7152
cultural methods, pot plants 7097, 7958
flowers
development, growth regulators 432
drop, growth regulators 7958
protected cultivation, temperature 9824
Streptocarpus holstii, cuttings, types, leaf cuttings 5406
Streptocarpus hybridus
breeding, inbreeding 9004
tissue culture, propagation, anthers 9005
Streptocarpus nobilis, tissue culture, responses, photoperiodism 7959
Streptomyces, radishes 259
Streptomyces dayalbaghensis, control, of *Glomerella cingulata,* sugarcane 715
Stromanthe, nectaries 1192
Strophanthus amboensis, tissue culture, metabolites, production 9200
Strophanthus intermedius, tissue culture, metabolites, production 9200
Stropharia, production, Hungary 1753
Strychnos, plant, composition, alkaloids 7290
Strychnos angustiflora
taxonomy
chemotaxonomy 9201
morphology 9201
Strychnos confertiflora
taxonomy
chemotaxonomy 9201
morphology 9201
Strychnos erichsonii, plant, composition, alkaloids 5637
Strychnos ignatii
taxonomy
chemotaxonomy 9201
morphology 9201
Strychnos nux-blanda
taxonomy
chemotaxonomy 9201
morphology 9201
Strychnos nux-vomica
taxonomy
chemotaxonomy 9201
Strychnos nux-vomica *cont.*
taxonomy *cont.*
morphology 9201
Strychnos spinosa, plant, composition 3650
Strychnos umbellata
taxonomy
chemotaxonomy 9201
morphology 9201
Strychnos usambarensis, plant, composition, cytotoxic compounds 8296
Strychnos variabilis, plant, composition, flavonoids 3714
Strychnos wallichiana
taxonomy
chemotaxonomy 9201
morphology 9201
Sturnus vulgaris
cherries 1601
pistachios 7577
Stylosanthes guianensis, as cover crops, coffee 9268
Styrax argenteus, plant, composition 4536
Styrax officinalis, trichomes 6181
Suaeda fruticosa, landscaping, coastal areas 4875
Suberins, biochemistry, *Phaseolus vulgaris* 4211
Subtropical crops, pests, surveys, India 762
Subtropical fruits
conferences 6602
cultivars, assessment, USSR 8467
disorders, chilling injury, reviews 8370
growth regulators, reviews 6671, 7381
landscaping, USA 2673
nutrients, requirements, assessment 7310
plant
physiology 7312
reviews 7311, 7377
planting stock, production, techniques 5807
production, Brazil, conferences 6603
roots, physiology, reviews 7380
water relations, physiology, reviews 8317
Succulent plants, tissue culture, propagation, techniques 1830
Suckers
control
growth regulators
apples 77
grapes 9577
herbicides, temperate fruits 49
production
cultural methods, bananas 4682
growth regulators, pineapples 2947
Sudan
bactericidal plants, surveys 1286, 3659
medicinal plants, surveys 1286, 4535
Vicia faba, diseases, control 4229
Sugarcane
biochemistry
harvesting date 10192
potassium 10197
cold, resistance, cultivars 2958
conferences 2119, 7449
cultivars
assessment
Brazil 3831, 9291
India 1506, 2957, 8420
Spain 2958
biochemistry 2989, 10189, 10204
characteristics 4782
Japan 4783
Taiwan 2959
diseases 701, 1504, 2958-2959, 4782-4783, 10209
drought 10203
flowering 2094, 5765
growth 10188
growth regulators 5764
herbicides 2969, 2976, 2978-2979
identification 2956
nutrition 4787, 8419
pests 4782, 7435
physiology 1505
planting date 10192
propagation 2961
spacing 710, 10191
water relations 10190, 10204
waterlogging 6566, 10189
Sugarcane *cont.*
cultivars *cont.*
yields 5765, 10188
cultural methods
books 732
reviews 6565, 8418
diseases
Acremonium implicatum 9294
Ceratocystis paradoxa 8427-8428
Clavibacter xyli 7424
Fusarium sacchari 9294
Glomerella tucumanensis 715, 5771
Puccinia kuehnii 2959
Puccinia melanocephala 701, 2959, 7426
ratoon stunting 6567, 7424, 8426
Sclerospora sacchari 2959
sugarcane mosaic virus 2958, 7424
Ustilago scitaminea 1504, 2959, 10209
Xanthomonas albilineans 6577
disorders
chlorosis 7434
leaf freckle 2983
drought
resistance
biochemistry 10204
cultivars 10204
tests 10190
responses 10203, 10205
flowers, development, cultivars 2094
fodder, harvesting 8429
fungicides, responses 6568
growth regulators
fenoxaprop, responses 2096
GA, physiology 10207
glyphosate, responses 5764
glyphosine, responses 5764
grubbing, herbicides 2897, 2962
handling
equipment 3850-3851
techniques 10210
harvesting
harvesting date, assessment 7435
injuries 7436
techniques
assessment 8429
mechanical harvesting 1511-1512, 3846-3847, 5773-5774, 7436-7437
herbicides
injuries 1510, 2965, 2969, 2977, 7424
residues 711
tolerances 2976, 2978-2979
insecticides, responses 712
intercropping
maize 6572
okras 705, 6572
Phaseolus aureus 6571
Phaseolus mungo 6571
Phaseolus vulgaris 3834, 8854-8855
potatoes 707
Sorghum 6572
tobacco 10193
Vigna 6571
Vigna radiata 705
irrigation
requirements, determination 2980-2981, 8423-8424
responses 3839, 5767, 5769-5770, 6575, 7433, 9292
systems 709, 5766-5768, 5770
leaves
biochemistry 10206
development, biochemistry 765
mulching, responses 6571, 6573
nematicides, injuries 7432
nutrients, requirements, analysis 3837, 5687
nutrition 4800
aluminium 8419
boron 4788
calcium 4787
iron 4788, 7434
manganese 4788
manures 4788
nitrogen 3838-3840, 6569, 6572-6575, 6579, 8425, 9293, 10194-10196
phosphorus 3841, 6579, 9293

Sugarcane *cont.*
- nutrition *cont.*
  - potassium 3841, 6573, 6576, 6579, 7425, 9293, 10197-10200
  - rhenium 714
  - silicon 2983
  - surveys, Brazil, books 2109
  - trace elements 713, 3842, 9293
  - zinc 4788
- pesticides, application 718
- pests
  - biological control, Caribbean 2
  - *Chilo zacconius* 7438
  - *Conoderus bifoveatus* 7429
  - control, India 717
  - *Diatraea* 7435
  - *Diatraea saccharalis* 2983, 2986-2987
  - *Eldana saccharina* 3843, 7438
  - *Eoreuma loftini* 3844
  - *Helicotylenchus* 7427
  - *Meloidogyne* 7427
  - *Meloidogyne javanica* 7428
  - Nematoda 2984-2985, 6578
  - *Paratrichodorus* 7427
  - *Pratylenchus* 7427
  - *Pratylenchus zeae* 7428
  - *Pyrilla perpusilla* 7430-7431
  - Scarabaeidae 716
  - *Sesamia* 7438
- photosynthesis
  - biochemistry 10201-10202
  - cultivars 1505
  - light 2988
  - nutrition 7434, 10198
- plant
  - composition 1283
    - amino acids 2989, 7439
    - fibre 10211
    - flavonoids, reviews 720
    - polysaccharides 7440
    - sugars 5772, 10211
  - development
    - cultural methods 6570
    - environment 6570
      - reviews 4781
    - temperature 9295
    - ultraviolet radiation 2983
- plant residues
  - utilization
    - growing media 5411
    - mulches 2071, 6571, 10121
    - soil amendments 2982
- planting
  - orientation 706
  - seasons 10192
  - site preparation 2982
  - spacing 704, 706, 710, 4785, 6569, 10191
  - systems 709
- planting stock
  - production, tissue culture 4784
  - types, assessment 4785, 7422
- processing
  - quality, handling 10210
  - residues 721, 2982, 7428
- production
  - Brazil 3829
  - India 700
- products
  - fuels 721, 6580, 9297
    - books 732
- pruning, responses 710
- ratooning 705, 10188
- regeneration, replanting 705
- reports
  - Argentina 9314
  - Australia 4816
  - Colombia 3020
  - Cyprus 9316
  - Fiji 3021
  - India 717, 6614
  - Mauritius 4822
  - South Africa 1534
  - USA 3887
- research, India 5763
- rhizosphere
  - biology, insecticides 712
  - microorganisms 711
- ripening, growth regulators 2096-2097, 5764, 9296
- roots, development, irrigation 5769
- sets
  - storage 2961
  - treatment 6567, 8427
    - antibiotics 6577
    - fungicides 6568, 8428, 9294
    - growth regulators 3832
    - heat 6577
- soil amendments 2982, 9294
- soil compaction, responses 3836
- soil management, responses 3833
- soil types 2982
- soil water, responses 704, 3849
- statistical methods, experimental designs 3830
- storage
  - storage dips
    - benzoic acid 719
    - formaldehyde 719
- taxonomy, chemotaxonomy 2956
- tissue culture
  - propagation
    - protoplasts 703
    - techniques 702, 4784
  - protoplasts 10208
  - storage 2960
  - techniques 10208
- water relations
  - measurement 3845, 9292
  - physiology 10205
- waterlogging 6566, 10189
- weed control 708, 1508, 2963-2971, 3835, 4786, 7423, 8421-8422
- weeds, competition 1509, 2972-2975, 7423
- wind
  - injuries 1507
  - responses 2095
- wounds, biochemistry 10210
- yields
  - correlation 3848-3849, 3852, 5765, 6576, 7433, 8429-8430
  - diseases 7424, 10209
  - pests 7429, 7438
  - wind 1507

Sugarcane chlorotic streak virus, reports, Australia 4816

Sugarcane Fiji disease virus, reports, Australia 4816

Sugarcane mosaic virus
- reports, Australia 4816
- sugarcane 2958, 4782, 7424

Sugars
- application, oranges 1421
- biosynthesis, *Phaseolus vulgaris* 2468
- composition
  - *Actinidia chinensis* 2271
  - almonds 1564, 5830
  - black currants 136
  - cabbages 4181, 5997
  - *Citrus* 4668, 10068
  - coconuts 7402
  - *Genipa americana* 10225
  - *Hippophae rhamnoides* 7656, 9562
  - hops 7250
  - Jerusalem artichokes 6890
  - lettuces 967
  - *Lycoris radiata* 4406
  - mangoes 4749, 5749
  - melons 6014
  - oranges 10093
  - plums 124
  - *Prunus sibirica* 97
  - *Rhamnus catharticus* 1359
  - rhubarb 344
  - *Sorbus aucuparia* 4051
  - strawberries 887
  - sugarcane 10211
  - tomatoes 6112
  - *Vaccinium macrocarpon* 5083
  - walnuts 1564
  - watermelons 9694
  - *Zornia gibbosa* 5647
- determination
  - carrots 7469
  - pears 5044
- metabolism
  - biochemistry, Jerusalem artichokes 2377
  - boron, tomatoes 7036

Sugars *cont.*
- metabolism *cont.*
  - cultivars
    - grapes 1639
    - melons 8831
  - cut flowers, *Gerbera* 7933
  - dark, spinach 1682
  - defoliation, apples 9453
  - dormancy, peaches 2248
  - environment
    - grapes 8689
    - tomatoes 8909
  - fruiting
    - apples 1587
    - peas 7822
  - fungicides, apples 9474
  - germination
    - pawpaws 4765
    - peas 1038
  - growth, peas 1038
  - growth regulators
    - apples 5859
    - beetroots 7716
    - *Capsicum* 393
    - grapes 5150
    - *Muscari* 5447
    - *Phaseolus vulgaris* 3362
    - tomatoes 6140, 7865
  - irrigation
    - grapes 2332
    - peas 5288
  - nitrogen, sugarcane 10194
  - nutrition
    - apples 8527
    - cocoa 9262
    - grapes 2314, 6825
    - vegetables 6152
  - phosphorus, onions 4147
  - photoperiodism, *Sinapis alba* 1255
  - physiology, tulips 4399
  - pollution, *Phaseolus vulgaris* 7797
  - pruning
    - apples 8521
    - grapes 3237, 6825
  - ripening
    - bananas 664
    - *Capsicum* 9733
    - grapes 5152, 5160, 6846
    - *Litchi* 9246
    - *Malpighia punicifolia* 896
    - mangoes 693
    - melons 1006
    - oil palms 4759
    - *Raphia hookeri* 1388
    - tomatoes 386
    - watermelons 278
  - rootstock scion relationships
    - apples 3116
    - *Citrus* 2843
  - salinity
    - *Azadirachta indica* 6305
    - grapes 919
    - *Melia azedarach* 6305
  - seasonal variation
    - Jerusalem artichokes 6890
    - melons 9691
    - peaches 2248
  - senescence, *Dahlia* 5433
  - storage
    - bananas 664
    - onions 3292
    - watermelons 8847, 9695
  - temperature
    - grapes 5946
    - watermelons 9695
  - thinning, grapes 8714
  - tissue culture
    - cherries 4973
    - *Ruta graveolens* 1360
  - training, grapes 4113-4114
  - water relations, *Trigonella foenum-graecum* 9941
  - wounds, temperate fruits 1562
- responses, hazelnuts 5872
- translocation
  - beetroots 5183
  - celery 6159, 9772
  - *Gladiolus* 7977
  - grapes 5946
  - oil palms 2941
  - *Populus canadensis* 9111

Sugars *cont.*
translocation *cont.*
strawberries 1635, 5915
sugarcane 5772
Suillus granulatus, composition, mercury 9779
Sulcorebutia, protected cultivation, temperature 2647
Sulphides, responses, ornamental plants 5437
Sulphites
metabolism, light, cucumbers 276
toxicity
Petunia 4359
Vicia faba 3368
Sulphur
absorption, celery 9771
composition
oranges 9229
Plumbaginaceae 8974
deficiency
Asparagus 6981
Basella alba 6164
Capsicum 207
cucumbers 207
Gerbera 1772
lettuces 207
melons 207
Paullinia cupana 2028
peas 4255
poinsettias 1862
rubber 6559
tomatoes 207
determination, plants 2127
metabolism
nitrogen, tomatoes 7030
seasonal variation, persimmons 6510
nutrition
apples 6710
Basella alba 6164
chives 5975
lettuces 2382
oranges 2856
Quercus palustris 5530
radishes 3328
rubber 6558-6559
tomatoes 7030, 7034
vegetables 1658
Vicia faba 6059
requirements
analysis
plums 3183
tomatoes 7025
Sulphur dioxide
absorption
conifers 7475
spinach 7475
application
Litchi 2885, 5721
strawberries 9561
responses
peas 4456
Phaseolus vulgaris 5272
radishes 7810
tomatoes 7810
Vicia faba 7810
woody plants 4456
toxicity
grapes 166, 3232
Petunia 1128
Phaseolus vulgaris 1016
poinsettias 9082
Summerhayesia laurentii, chromosomes 9055
Supervised control
Brevipalpus phoenicis, Citrus 2864
Colletotrichum lagenarium, cucumbers 5250
Lobesia botrana, grapes 5942
pests
greenhouse crops 2346
pears 853
Phyllocoptruta oleivora, oranges 7348
Psila rosae, carrots 3456
Surveys
techniques
aerial methods
plants 2126
sugarcane 3829
photography, sugarcane 3829
Swedes
cultivars
assessment, Norway 8797
diseases 5204
pests 5204
herbicides, injuries 4171
reports, UK 4826, 6621
Sweet peas
cut flowers
harvesting 6218
preservatives 7909
flowers
development
genetics 7130
physiology 2599, 4368
pests, *Pratylenchus* 7953
protected cultivation
pests 7953
rotations 7953
seeds, treatment 2572, 7130
shoots, development, physiology 4368
Sweet williams *(see Dianthus barbatus)*
Swertia japonica
plant
composition 7301
glycosides 1369
iridoids 9202
Switzerland
apples, cultivars 61, 5836
grapes
cultivars 8691-8692
production 165
kohlrabi, cultivars 6911
pears, cultivars 3166-3167
plums
cultivars 5892
rootstocks 5892
Syagrus coronata, fruits, anatomy 4757
Sylepta derogata, okras 7830
Symphoricarpos chenaultii, planting stock, production, containers 9092
Symphoricarpos oreophilus, establishment, spoil banks 9890
Symphytum officinale
plant
composition 4589
amides 3715
tissue culture, protoplasts 3893
Synanthedon culiciformis, Alnus 9097
Synanthedon exitiosa, peaches 1612, 3154
Synanthedon pictipes, peaches 1612, 3154
Synanthedon resplendens, Platanus 9097
Synanthedon scitula, apples 2185, 3960
Synapsis, taxonomy, morphology 1210
Synedrella nodiflora, as weeds, cocoa 2903
Syngonium, cultural methods, pot plants 5462
Syngonium podophyllum, cultural methods, pot plants 2641, 2644
Syngonium wendlandii, cultural methods, pot plants 2641
Syringa
cultivars
diseases 9079
propagation 9896
cuttings
sources, etiolation 8058
types, summer cuttings 1218
diseases, witches' brooms 9079
planting stock
production
techniques 1218
tissue culture 2688
rootstocks, propagation, tissue culture 2688
species, characteristics, UK 1859
tissue culture, propagation, micropropagation 8069
Syringa josikaea, cuttings, types, summer cuttings 1218
Syringa oblata, pollen, germination, amines 415
Syringa persica, cuttings, types, summer cuttings 1218
Syringa reflexa, cuttings, types, summer cuttings 1218
Syringa villosa, cuttings, types, summer cuttings 1218
Syringa vulgaris
cuttings 1211
rooting, temperature 6297
Syringa vulgaris *cont.*
cuttings *cont.*
sources, etiolation 6297
planting stock, production, techniques 3572
tissue culture, biochemistry 6630
Syrphus, pollinators, essential oil plants 1258
Syzygium *(see also Eugenia)*
characteristics 4743
Syzygium aromaticum
diseases, Sumatra disease 3621
intercropping, tea 3854, 9935, 9940
plant
composition 5533, 5557
essential oils 3613
tannins 555
production, Brazil 10133
reports, Sarawak 6619
roots, development, intercropping 3854
shoots, histology 3613
Syzygium cumini
cuttings 7214
fruits, composition 4792
plant
composition 5570, 7847
essential oils 3624
seeds, composition 4792, 8297
Syzygium leumannii, cultural methods, pot plants 9035
Tabebuia avellanedae, seeds, storage 2720
Tabebuia chrysotricha, seeds, storage 2720
Tabebuia heptaphylla, seeds, storage 2720
Tabebuia impetiginosa, seeds, storage 2720
Tabebuia rosea, seeds, storage 2720
Tabernaemontana
plant, composition, alkaloids 7290
tissue culture, metabolites, production 4590
Tabernaemontana coronaria, plant, composition, alkaloids 1370, 8115
Tabernaemontana dichotoma, plant, composition 1371
Tabernaemontana elegans
plant, composition, alkaloids 8298
tissue culture 5638
Tabernaemontana heyneana, plant, composition 1927
Tabernaemontana penduliflora, plant, composition, alkaloids 2005
Tabernaemontana undulata, plant, composition, alkaloids 3716
Tagetes
cultivars, diseases 4372
diseases, *Pseudomonas solanacearum* 4372
leaves, composition 999
plant, composition, essential oils 2745
seedlings, production, growing media 6172
Tagetes erecta
as green manures, strawberries 2298
diseases, biological control 6180
dwarfing, growth regulators 5379
growing media, composition 7091
nutrition, nitrogen 3514
plant, composition 9215
tissue culture
metabolites, production 5426
organogenesis 4373
Tagetes minuta
cultivars, assessment, USSR 9946
plant, composition, essential oils 3644
tissue culture, metabolites, production 5426
Tagetes patula
cultural methods, pot plants 7960
mycorrhizas 6705
nutrition, phosphorus 9825
plant, composition 6347
seedlings, production, cultural methods 7943
tissue culture, metabolites, production 5426
Tagetes pumila, as green manures, strawberries 2298
Tagetes tenuifolia
cultivars, assessment, USSR 9946
plant, composition 2023
Taiwan
Asparagus, cultivars 2495

Taiwan *cont.*
sugarcane, cultivars 2959
Talinum cuneifolium, taxonomy, morphology 5367
Talinum triangulare, taxonomy, morphology 5367
Tamarillos
plant, composition, alkaloids 5568
taxonomy 3396
trichomes 10113
Tamarinds
plant, composition, polysaccharides 3072
roots, development, assessment 731
seeds, composition 6590
utilization, shelterbelts 6469
Tamarindus (*see also* Tamarinds)
Tamarix, planting stock, production, containers 9064
Tamarix chinensis, plant, composition 2752
Tamarix tetrandra, landscaping, industrial sites 4431
Tamus communis, plant, composition, phenolic compounds 2006
Tanacetum, plant, composition, terpenoids 507
Tanacetum balsamita, plant, composition, essential oils 5539
Tanacetum boreale
cultivars, assessment, USSR 9946
plant, composition, essential oils 6332
Tanacetum coccineum
cut flowers, production, protected cultivation 6182
plant, composition, anthocyanins 7096
wild plants, utilization, ornamental plants 7086
Tanacetum parthenium
cut flowers, production, cultural methods 9006
seeds, germination, water relations 4364
Tanacetum santolinoides, plant, composition, lactones 7302, 10035
Tanacetum vulgare
harvesting, harvesting date, assessment 8299
tissue culture, biochemistry 4496
Tangelos
cultivars
biochemistry 2838
characteristics, USA 7321
disorders 7343
nutrition 3746
disorders, decline 7343
fruits
biochemistry, seasonal variation 6491
composition 4668
irregular bearing, cultivars 4660
mulching 2050
nutrition 2050
pollen, tubes, development 637
pollination, compatibility 10086
reports, Australia 6609
Tangerines (*see* Mandarins)
Tangors
cultivars
characteristics, USA 7321
nutrition 3746
fruits
biochemistry, seasonal variation 6491
composition 4668
development
growth regulators 5710
parthenocarpy 5710
pollination, compatibility 10086
reports, Australia 6609
rootstock scion relationships, physiology 6471
storage 4665
Tannins
characterization
Aesculus carnea 9140
Cinnamomum aromaticum 7273
cocoa 9140
Crataegus laevigata 9140
Cydonia sinensis 9140
Juniperus drupacea 1334
Tannins *cont.*
characterization *cont.*
pomegranates 7375-7376
quinces 9140
Watsonia arnerdei 9140
composition
Acacia 3649
Acacia catechu 3648
Agrimonia pilosa 556
Albizia 9958
Arctostaphylos uva-ursi 556, 3649
Azadirachta indica 9958
Balanites aegyptiaca 6588
Caesalpinia coriaria 3649
Calophyllum inophyllum 9155
Coriaria japonica 556
Cornus officinalis 556
Entada africana 9958
Genipa americana 10225
Geranium thunbergii 556
Geum japonicum 556
grapes 8719
guavas 556
Hamamelis virginiana 3649
Hypericum perforatum 5610
Krameria triandra 3649
mangoes 1484
medicinal plants 555
Ononis natrix 4576
pomegranates 556
Prunella vulgaris 2802
Rhamnus catharticus 1359
rhubarb 344
Rhus javanica 556
Rosa gallica 9958
Rosa rugosa 556
Saxifraga stolonifera 556
Securidaca longipedunculata 3650
surveys
Iran 8166
Qatar 5575
tea 556
Terminalia catappa 9304
Terminalia chebula 556, 3648-3649
Tetracera 602
Tibouchina urvilleana 556
Uncaria gambir 3649
Viscum cruciatum 5646
wild plants, Iran 8160
metabolism
cultivars, tea 3857
diurnal variation, *Hypericum perforatum* 2791
environment, *Hypericum perforatum* 2791
fruiting, grapes 186
irradiation, *Arctostaphylos uva-ursi* 9980
Tanzania
Amaranthus cruentus, cultural methods 1098
medicinal plants, surveys 1281
vegetables, cultural methods 2336
Tapirira mexicana, wild plants, utilization, Mexico 5917
Taraxacum officinale, as weeds, lawns and turf 7163
Tarragon (*see Artemisia dracunculus)*
Tarsonemus pallidus
Cyclamen 4379
strawberries 6801
Taxodium ascendens, cuttings 1848
Taxodium distichum, cultural methods, containers 5483
Taxonomy
chemotaxonomy
Agavaceae 7088
Alstonia 6358
Amaryllidaceae 7088
Araceae 2570
Bersama abyssinica 3670
cauliflowers 5999
cherries 2236
Citrus 2837
Compositae 39
Convolvulaceae 7470
Elaeagnaceae 1239
ferns 2640
garlic 2354
Iridaceae 9785
Liliaceae 7088
Taxonomy *cont.*
chemotaxonomy *cont.*
Lycopersicon 7871
Neisosperma oppositifolia 5617
Ochrosia oppositifolia 5617
Ocimum sanctum 3699
Ocimum viride 9950
Panax japonicus 3700
Panax pseudoginseng 7291
Papaver 2798
Papaver somniferum 5622
Parinari 2103
Passiflora coccinea 1245
peas 2477
Piper betle 2827
Poa pratensis 1816
Proteaceae 7089
Rhododendron 8077
Solanaceae 7470
Strychnos 9201
sugarcane 2956
Thymbra 3611
Thymus 3612, 4516
Thymus praecox 6339
Zanthoxylum 4600
cytotaxonomy
Agavaceae 7088
Camellia 4436
Impatiens 7951
Papaver somniferum 5622
geographical distribution, Agavaceae 7088
histology, Araceae 5464
keys
Agapetes 9917
Chasmanthe 4402
Echinocereus 4801
Escobaria 9877
Euphrasia 1136
Macrozamia 1231
Orchidaceae 9888
Psidium 1478
morphology
Aerangis 9054
Betulaceae 9093
Bignoniaceae 1210
Cactaceae 8044
Calathea 9043
Cruciferae 6912
Escobaria 9877
grapes 152
Iris 439
Notocactus 8045
Orchidaceae 9052, 9888
Phalaenopsis 7178
Psychotria 9112
Raphia 6342
Rhododendron 2697, 2699
Scrophulariaceae 1210
Strychnos 9201
Talinum 5367
woody plants 8056
Zamioculcas zamiifolia 7174
nomenclature
Actinidia 4052
Asparagus aethiopicus 6269
Asparagus densiflorus 6269
Betula 1881
books 733
Cactaceae 8031
Camarotis 1841
Chasmanthe 4402
Citrus 6460, 10058
Datura 8220
Gastrochilus 464
Hippophae rhamnoides 4086
Lilium 1811
Loxoma 1841
Mammillaria 8042
Micropera 1841
Neoraimondia 1197
Orchidaceae 9052
books 3009
ornamental plants, books 4802, 5796
Paeonia suffruticosa 8111
Pelargonium 9807
Raphia 6342
Schoenorchis 1840
Smithsonia 1841
Solanaceae 3396

Taxonomy *cont.*
nomenclature *cont.*
woody plants 8056
typification, *Sisyrinchium* 1143
Taxus
cultural methods, pot plants 8100
cuttings
cultural methods 9068
storage 9894
landscaping, USA 3570
Taxus baccata
plant, composition, mucilages 9067
pruning, systems 3013
Taxus cuspidata
herbicides
injuries 7191
tolerances 473
pests, *Otiorhynchus sulcatus* 6291
planting stock, production, techniques 7190
Taxus media
cuttings
rooting, nutrition 4442
storage 6290
treatment 3571
planting stock, overwintering 5481
Tea
conferences 8447
cultivars
assessment
India 6581
USSR 2990
biochemistry 3857, 7442
diseases 1513
flowering 10224
gamma radiation 3853
nutrition 10216
pigments 5782
pollination 10224
propagation 9299
pruning 10214
cultural methods, mechanization 2993
cuttings
rooting
mist 10212
protected cultivation 9299
types
root cuttings 5775
summer cuttings 10213
diseases
Corticium 7441
Pseudomonas syringae 1513
flowers, development, biochemistry 2099
frost, protection, materials 2098
fruits, development, biochemistry 685
handling, equipment 1518
herbicides
application 1517, 2897
tolerances 2897
intercropping
coffee 3800
Syzygium aromaticum 3854, 9935, 9940
irrigation, requirements, determination 724
leaves
biochemistry
harvesting 8432
nutrition 1515
composition 5782
flavours, biochemistry 5781
quality
assessment 1519, 3857
harvesting 7442
nutrition 2995
senescence 3856
nutrients, absorption, measurement 5776
nutrition
magnesium 2999
manures 5777-5778
nitrogen 2995-2998, 4790, 5777-5779, 10216
phosphorus 734, 1515, 2995, 2998, 6585
potassium 2995, 2998-2999, 8485
reviews 9302
zinc 1516, 6585, 10217-10218
pesticides, application 1517

Tea *cont.*
pests
Adoxophyes 8431
control, India 725
Cydia leucostoma 6586
Helopeltis schoutedeni 10219-10220
Homona magnanima 8431
Scirtothrips aurantii 10219-10220
Spalax leucodon 3000
plant
composition
flavonoids 10223
lipids 5781
purines 7442
tannins 556
plant residues, composition 3002
planting
spacing 723, 1514, 6583, 9300
systems 6583
planting stock
production
containers 6582
techniques 2991
tissue culture 2992
plucking 723, 8432, 10222
pollen, storage 5775
processing, residues, reviews 2100
production, Bangladesh 9298
pruning
responses 3855
systems, assessment 9301, 10214
reports
India 725-726, 4819, 5801
Kenya 1533
Nigeria 6618
Sarawak 6619
South Africa 9318
Sri Lanka 2123
roots
development
cultivars 4789
intercropping 3854
seasonal variation 5780
seeds
composition 3003, 10224
storage, duration 5775
shoots, development 3001
soil amendments 6584
soil management, systems 10215
soil types 2994
tissue culture
biochemistry 10221
organogenesis 722, 10221
propagation, techniques 2992, 7187
training, responses 3855
weed control 2897
yields
correlation 3855, 4789
spacing 1514
Tecoma stans, plant, composition 8156
Tecomaria, planting stock, production, containers 9064
Tecomella undulata, plant, composition 8300
Telenomus, control, of *Eldana saccharina,* sugarcane 3843
Telenomus applanatus, control, of *Eldana saccharina,* sugarcane 3843
Telfairia occidentalis
harvesting, frequency 1714
plant, composition, calcium 2448
seeds
germination, water relations 7768
sowing, sowing date 263
Telfairia pedata
plant, composition, calcium 2448
seeds, germination 991
Telopea, reports, New Zealand 6617
Telopea speciosissima
cut flowers
storage 8116
vase life 6324
reports, Australia 6607
tissue culture, propagation, techniques 7223
Temnoschoita quadripustulata, oil palms 3818
Temperate fruits
biology, conferences 3016
cultural methods
books 3865, 6591

Temperate fruits *cont.*
cultural methods *cont.*
mechanization, reviews 4917
reviews 6682
diseases, viruses, Japan 2154
frost
protection, irrigation 4881
resistance, physiology 1764
growth regulators, reviews 6671
irrigation
equipment 6684
systems 4881, 6684
water, sources 6684
mycorrhizas 9505
nutrients, absorption, analysis 7502
nutrition
green manures 2153
manures 2153
phosphorus 734
pesticides, application 1561, 3081
pests
control, Europe 3954
Panonychus ulmi 2155
Tortricidae 3926
plant
composition, sulphur 2127
development 3011
planting, site preparation 2153
planting stock, production, techniques 5807
production
Africa 748
slopes 2152
Zimbabwe 775
reports
Brazil 2121
Canada 3881, 4818
rootstocks
handling 47
storage 47
training, systems 4882
weed control 49, 3077, 7670
winter hardiness
assessment 2151
physiology 4877
Temperature (*see also* Cold; Frost; Heat; Soil temperature)
responses
biochemistry
Asparagus 2498
bananas 4684, 6521
cabbages 8809
chicory 5199
container grown plants 7170
foliage plants 1823
Gladiolus 7976
grapefruits 10094
grapes 922
hops 1275
lettuces 3314
mangoes 9274
Morus bombycis 5876
olives 10103
peaches 4010
pineapples 9285
Simmondsia chinensis 2020
spinach 9637
strawberries 1631, 8681
dormancy
Actinidia 6783
Caladium hortulanum 2653
Cyperus esculentus 1100
grapes 9594
Simmondsia chinensis 4602
flowering
Actinidia 6783
almonds 54
Alstroemeria 6248
apples 1581, 4909, 5862, 6717
apricots 8558
bedding plants 7943
Begonia 1799
Begonia cheimantha 7963
Boronia heterophylla 3597
Camellia 8063
chicory 236
Chinese cabbages 4179, 5205
chrysanthemums 1117, 1122, 6195, 6204-6206, 7110
Citrus latifolia 1419, 7354
Coelogyne 8047

Temperature *cont.*
responses *cont.*
flowering *cont.*
cucumbers 9690
Euphorbia lathyris 1384
Freesia 7137
Gerbera 7930
Gladiolus 7141
globe artichokes 6895
Impatiens 1791
lettuces 7741
Lilium 2621
Lilium maculatum 6243-6244
melons 9679
Momordica charantia 7790
olives 1435
Papaver bracteatum 4577
peaches 5021
pears 8603
Pelargonium 8983, 8986
Phalaenopsis 5477
Platycodon grandiflorus 3512
poinsettias 1222, 1863, 9081
Rhododendron 483
Rhododendron kiusianum 8075
roses 9088
satsumas 5709
Streptocarpus 9824
tomatoes 381
tulips 3534
Zinnia elegans 6230
fruiting
Actinidia 6783
apples 798
apricots 8558
Capsicum 5316, 7836-7837
cherries 3136
Citrus 641
cucumbers 2416, 2444, 5334, 7771, 7773, 7776, 8824, 8846, 9690
grapes 4111, 9567
melons 9679
nectarines 9501
olives 1435
peaches 9501
pears 856
peas 2479
strawberries 893
tomatoes 1739, 3410, 5334, 7016-7017, 7050, 7055, 9761, 9763
germination
celery 6158
Cyclamen 7965
grapes 5925
lettuces 7735
growth
Agave lechuguilla 5552
apples 5861, 9429
aubergines 8902
bananas 1453, 8373, 10121, 10124
bedding plants 7943
Begonia 1799
celery 7886
chrysanthemums 1117, 1122, 5390, 7110
coffee 679
container grown plants 7170
cucumbers 275, 2414, 2417, 5235, 5237, 8824
Cynodon 2636
Digitalis lanata 8225
foliage plants 5462
garlic 7696
Impatiens 1791
lettuces 5390, 6899
melons 9679
okras 6082
Panax quinquefolius 3701
Pelargonium 8983
Peperomia 9032
Phaseolus vulgaris 7803
poinsettias 9081
pot plants 2645
radishes 9666
roses 5501, 9088
satsumas 5709
Sinningia cardinalis 9824
strawberries 3205

Temperature *cont.*
responses *cont.*
growth *cont.*
sugarcane 6570
tomatoes 1734, 3442, 7016-7017, 9758
Trachelium caeruleum 7133
Vaccinium macrocarpon 7631
Whitfieldia elongata 5532
nutrition
apples 9429
bananas 1454, 7394, 10124
photosynthesis
cocoa 3792
Fatsia japonica 8068
foliage plants 1823
grapes 9593
Hedera helix 8068
mandarins 626
peas 8859
Phaseolus vulgaris 8859
roses 9910
spinach 6883
strawberries 1633, 4869
succulent plants 8027
tomatoes 9758
physiology
Agave deserti 5465
Carnegiea gigantea 5465
cherries 1605, 4972
Ferocactus acanthodes 5465
grapefruits 3760
grapes 7679, 9599
kohlrabi 5220
melons 8844
peaches 4972
peas 317, 7819
Pelargonium hortorum 5401
Phaseolus vulgaris 1716, 7804, 9670
pomegranates 8365
radishes 9670
Schefflera arboricola 4421
sugarcane 4781
tomatoes 7870, 9757
Tradescantia paludosa 463
vegetables 2348
Vicia faba 3370
pollination, almonds 56
respiration
aubergines 8901
cucumbers 2439
Iris 7980
Lentinus edodes 2350
strawberries 2350
vegetables 2350
ripening
bananas 10132
mangoes 9274, 10171
tomatoes 390, 6144
senescence, cut flowers 8084
water relations
strawberries 2301
tomatoes 7046
yields
cucumbers 5237
mushrooms 9777
peas 4276

Tephrosia candida, plant, composition 5566

Tephrosia elata, plant, composition, flavonoids 3656

Tephrosia falciformis, plant, composition, flavonoids 4530

Tephrosia hildebrandtii, plant, composition, flavonoids 8152

Tephrosia maxima
plant
composition 4619
flavonoids 3657

Tephrosia purpurea, plant, composition, flavonoids 541

Terfezia claveryi, composition 7083

Terminalia catappa
leaves, composition 9304
plant, composition 8159
respiration, temperature 9372

Terminalia chebula
plant
composition
phenolic compounds 3648

Terminalia chebula *cont.*
plant *cont.*
composition *cont.*
tannins 555-556, 3649

Terpenoids
biochemistry, *Clerodendrum neriifolium* 7275
biosynthesis
calamondins 5706
Cymbopogon flexuosus 1262
Cymbopogon winterianus 3634
essential oil plants 4496, 9945
Ilex aquifolium 480
Montanoa tomentosa 1339
pawpaws 7413
peas 4273
Perilla 3639
Salvia 9954
satsumas 5706
characterization
Acanthopanax trifoliatus 560
Acanthosicyos horridus 8170
Acanthospermum hispidum 8171
Aconitum geniculatum 1933
Anthemis cotula 3666
Artemisia annua 1937
Astragalus sieversianus 7263
Bifurcaria bifurcata 4549
Bupleurum chinense 8192
Bupleurum kunmingense 8194
Bupleurum rotundifolium 1941
Caesalpinia pulcherrima 2710
Chasmanthera dependens 9988
Cleome brachycarpa 9992
Curcuma xanthorrhiza 2780
Curcuma zedoaria 1251
Davidsonia pruriens 8221
Ferula communis 8237
Fibraurea tinctoria 5603
Guaiacum officinale 5607
Gyrinops walla 4568
Icacina mannii 588
Inula viscosa 1978
Iris missouriensis 10008
Leonurus cardiaca 590
Liabum candidum 10010
Liatris spicata 1166
mangoes 691
Montanoa frutescens 4573
Montanoa tomentosa 591
Nepeta hindostana 3697
Nervilia purpurea 1207
Opilia celtidifolia 5619
Pachysandra terminalis 2717
Palafoxia texana 1985
Passiflora quadrangularis 2894
Pernettya furens 596
Pholidota chinensis 8272
Piper peepuloides 9190
Plectranthus barbatus 9821
Primula rosea 1130
Pteris 2664
reviews 507
Rhodiola rosea 6425
Salvia sapinae 9196
Santolina oblongifolia 2744
Silphium perfoliatum 6431, 8293
Solidago 3712
Tanacetum santolinoides 10035
Teucrium 4591
Teucrium scordium 1372
Thalictrum aquilegifolium 1373
Thalictrum foetidum 8302
Thapsia villosa 4593
Tinospora cordifolia 8304
Torilis scabra 1280
Tripterygium wilfordii 2012
Umbelliferae 9370
Valeriana officinalis 2746
Walsura trifoliata 607
Xanthoceras sorbifolium 6449
Xylopia aethiopica 1378
composition
Aloysia gratissima 7238
Annona senegalensis 10115
Arnica chamissonis 1299
Artemisia aschurbajevii 6361
Artemisia caerulescens 8182
Artemisia fragrans 6363-6364
Artemisia leucodes 8184
Aspilia pluriseta 1300

Terpenoids *cont.*
composition *cont.*
Astragalus 8188
Astragalus dasyanthus 4545
Astragalus glycyphyllos 7262
Azadirachta indica 3596, 6367
Baccharis genistelloides 6368
Baccharis megapotamica 3669
bactericidal plants 3659
Balanites aegyptiaca 6588
Calendula officinalis 1790
Calophyllum inophyllum 9155
Cannabis sativa 8196
Carissa edulis 566
Cassia hirsuta 9159
Centaurea phrygia 1949
Centipeda minima 1950
Chaenactis douglasii 4555
Chasmanthera dependens 570
chicory 235
Citrus meyeri 6494
Cnidoscolus urens 2778
Coleus forskohlii 3677
Compositae 1287
Conyza canadensis 7276
Cotinus coggygria 9128
Crataegus laevigata 8212-8213
Crotalaria latebrosa 1316
Curcuma zedoaria 7231, 9130
Cuscuta chinensis 3678
Cymbopogon 4500
Cymbopogon citratus 4504
Cyperus corymbosus 1318
Decachaeta ovalifolia 9137
Desfontainia spinosa 9170-9171
Drimys winteri 2711
Elsholtzia strobilifera 1908
Epimeredi indica 8232
Eucalyptus globulus 8132
Euodia hortensis 5542
Eupatorium tashiroi 1965
Eupatorium trapezoideum 5602
Euphorbia fisheriana 6397
Euphorbia nivulia 2786
Euphorbia ruspolii 576
Euphorbia trigona 8236
Excoecaria 1325
ferns, reviews 2640
Ferula 6399
Ferula caucasica 6401
Ferula penninervis 6398
figs 9485
Ganoderma lucidum 9178
grapes 4136
Grindelia aphanactis 9141
Gutierrezia 9141
Haplopappus paucidentatus 9141
Haplopappus pectinatus 9141
Hymenoclea salsola 549
Ilex cornuta 4569
Iris missouriensis 6410
Isocarpha oppositifolia 4570
Jatropha curcas 8254
Juniperus drupacea 4507
Lagochilus inebrians 8257
lettuces 4168
Maytenus diversifolia 3694
Mikania 8261
Mitrephora heyneana 8275
Montanoa leucantha 10015
Montanoa tomentosa 592, 1980
Myrianthus arboreus 3696
Ocimum americanum 4512
olives 10107
Ononis natrix 4576
Panax japonicus 3700
Parthenium hysterophorus 549
Petroselinum crispum 3616
Pimpinella achilleifolia 4514
Pimpinella anisum 8123
Piper nigrum 1916
Plectranthus ternifolia 1989
Polyalthia 8275
Poterium ancistroides 8276
Prunella vulgaris 2802, 4582
Pyrethrum pyrethroides 6423
Ryania speciosa 2756
Salvia 1918
Salvia argentea 9002
Salvia greggii 3608
Salvia moorcroftiana 4529
Terpenoids *cont.*
composition *cont.*
Samanea saman 3708
Satureja thymbra 1267
Sideritis 5632, 7299
Solidago petradoria 9141
Stachys 528
Stevia rebaudiana 9218
Tanacetum santolinoides 7302
Tetracera 602
Tetrapanax papyrifera 5639
Tetrapleura tetraptera 2008
Thalictrum foetidum 6437
Thalictrum minus 6438
Thapsia garganica 7308
Thymbra spicata 1267
Thymus dagestanicus 6331
Thymus pastoralis 6331
Thymus transcaucasicus 9955
Tithonia diversifolia 8153
Trigonella foenum-graecum 3720
Valeriana fauriei 6442
Valeriana officinalis 6443
Verbena officinalis 5644
Vernonia 1376
Zanthoxylum leprieurii 2812
determination
Artemisia annua 1938, 2766
Azadirachta indica 5559
Cannabis sativa 7266
Gypsophila bicolor 9180
Heptaptera triquetra 2789
extraction, *Salvia sclarea* 8146
metabolism
biochemistry
Cucurbita maxima 2442
Parthenium argentatum 10048
fruiting, grapes 4133
growth regulators
Mentha piperita 7242
Salvia officinalis 7242
irrigation, grapes 2331
ripening, grapes 5152
seasonal variation
Laurus nobilis 2739
satsumas 8339
storage, apples 8553
tissue culture, *Zingiber officinale* 7234
production
tissue culture
Akebia quinata 8176
Jasminum officinale 4496
Pelargonium 8142
Salvia miltiorrhiza 8287
Solanum aviculare 1999
taxonomy
Lycopersicon 7871
Thymus praecox 6339
Tetracera alnifolia, plant, composition 602
Tetracera masuiana, plant, composition 602
Tetracera poggei, plant, composition 602
Tetradium daniellii
fruits, composition 1895
plant, composition 2808, 7307
Tetragonia tetragonioides
plant
composition 1290
polysaccharides 2007
Tetranychidae, books 5795
Tetranychus
oranges 3752
strawberries 9554
Tetranychus cinnabarinus
aubergines 4302, 7006
globe artichokes 4302
pot plants 3474
tomatoes 1736
Tetranychus tumidus, bananas 7387
Tetranychus urticae
apples 809, 4933
chrysanthemums 3490
Cucurbitaceae 2436
Cymbidium 8055
grapes 169, 5941, 6838, 9586
greenhouse crops 3068, 5165, 6662
melons 997
raspberries 4062
Solanaceae 2436
strawberries 2300, 3207, 5913, 6801
Tetrapanax papyrifera
leaves, composition 5639
plant, composition, saponins 6435
Tetrapleura tetraptera, fruits, composition 2008, 5640
Tetrastichus eriophyes, control, of *Phytoptus avellanae,* hazelnuts 2241
Teucrium, plant, composition, terpenoids 4591
Teucrium fruticans, tissue culture, propagation, techniques 4433
Teucrium oliverianum, plant, composition 8164
Teucrium polium, plant, composition 8158, 8301
Teucrium scordium, plant, composition, terpenoids 1372
Thailand, medicinal plants, surveys 5571
Thalictrum aquilegifolium
plant
composition
glycosides 7303
terpenoids 1373
Thalictrum flavum, plant, composition, enzymes 5587
Thalictrum foetidum
plant
composition 6437
alkaloids 6436
glycosides 8302
Thalictrum glaucum, plant, composition, enzymes 5587
Thalictrum isopyroides, plant, composition, alkaloids 4592
Thalictrum javanicum, plant, composition, alkaloids 603
Thalictrum minus
plant
composition 2009
alkaloids 3717, 6436, 6439
saponins 6438
tissue culture, metabolites, production 5641
Thallium
metabolism, potassium, tomatoes 7035
toxicity, tomatoes 7035
Thapsia garganica, plant, composition 7308
Thapsia villosa, plant, composition, terpenoids 4593
Thaumatococcus daniellii, fruits, ripening, biochemistry 1389
Thaumetopoea pityocampa, woody plants 9065
Thea (*see also* Tea)
Thelocactus, protected cultivation, temperature 2647
Thelymitra, cultural methods, pot plants 1203
Themeda australis, seeds, treatment 5457
Theobroma (*see also* Cocoa)
Thevetia ahouri, plant, composition, cardenolides 10036
Thevetia peruviana, seeds, composition 3610
Thielaviopsis basicola, *Cyclamen* 4379
Thiocyanates, composition, *Descurainia sophia* 1960
Thiophenes, production, tissue culture, *Tagetes* 5426
Thonningia sanguinea, roots, composition 1374
Thrips
Cymbidium 8972
Gerbera 8972
Saintpaulia 8972
Thrips flavus, peas 1041
Thrips pusillus, bananas 10128
Thrips tabaci
cucumbers 7782
Gladiolus 2616
leeks 937
onions 221, 943
Saintpaulia 8989
tomatoes 1736, 4320
Thryonomys swinderianus, oil palms 8406
Thuja
cultivars, pot plants 2674
cultural methods, pot plants 8100
cuttings
cultural methods 9068

Thuja *cont.*
cuttings *cont.*
storage 9894
herbicides, injuries 471
planting stock, production, containers 9064
Thuja occidentalis
cuttings
sources, assessment 9069
storage 6290
drought, injuries 2677
nurseries, cultural methods 470
pests, *Otiorhynchus sulcatus* 6291
plant, composition, mucilages 9067
Thuja orientalis
as rootstocks, *Cupressus arizonica* 2682
cultivars, characteristics, China 8117
plant
composition 1290
cytotoxic compounds 8303
seedlings, production, cultural methods 7182
Thuja plicata, planting stock, production, containers 9062
Thymbra, taxonomy, chemotaxonomy 3611
Thymbra capitata, plant, composition, flavonoids 3611
Thymbra spicata, plant, composition, essential oils 1267
Thymophylla tenuiloba, landscaping, slopes 7085
Thymus, taxonomy, chemotaxonomy 3612, 4516
Thymus aestivus, plant, composition, essential oils 3612
Thymus baeticus, plant, composition, essential oils 3612
Thymus capitatus, seeds, germination, inhibitors 9133
Thymus dagestanicus, plant, composition, essential oils 6331
Thymus granatensis, plant, composition, essential oils 8147
Thymus hyemalis, plant, composition, essential oils 3612, 3645, 7245
Thymus marschallianus, plant, composition, essential oils 6338
Thymus pastoralis, plant, composition, essential oils 6331
Thymus piperella, plant, composition, flavonoids 2010
Thymus praecox, taxonomy, chemotaxonomy 6339
Thymus satureioides, plant, composition, flavonoids 3718
Thymus serpyllum, cultural methods, roofs 1108
Thymus transcaucasicus, plant, composition, essential oils 9955
Thymus vulgaris, plant, composition, essential oils 3612, 5537
Thymus zygis, plant, composition, essential oils 3612
Thyridopteryx ephemeraeformis, Juniperus virginiana 478
Thysanoplusia orichalcea, Coriandrum sativum 500
Thysanoptera
Capsicum 8897
greenhouse crops 6662
Tibouchina urvilleana, plant, composition, tannins 556
Tigridia, plant, composition, phenolic compounds 9785
Tilia
cuttings, cultural methods 469
planting stock, defoliation 4434
salinity, injuries 7206
Tilia cordata
pollution, sulphur dioxide 4456
roots, development, water relations 9929
Tilia platyphyllos, nutrition, trace elements 7224
Tiliacora triandra, plant, composition, alkaloids 6440
Tillandsia, photosynthesis 8020
Tillandsia deppeana, plant, morphology 9864
Tillandsia elongata, photosynthesis 8018
Tillandsia usneoides
photosynthesis, CAM pathway 4865
plant, development, light 5461
water relations, measurement 2128
Tilletiopsis minor, control, of *Sphaerotheca fuliginea,* cucumbers 8842
Tinospora cordifolia, plant, composition, lactones 8304
Tinospora malabarica, plant, composition, alkaloids 3719
Tipula paludosa, lawns and turf 8016
Tirathaba rufivena, coconuts 675
Tirmania nivea, composition 7083
Tissue culture
biochemistry
Acer pseudoplatanus 1547
Berberis 1940, 8191
Capsicum 1058
carrots 400, 1094, 1748, 3458, 4337, 6155, 9768-9769
Catharanthus roseus 2771, 4531, 8204
celery 7071
cherries 4973
Cinchona ledgeriana 571
Corydalis cava 7277
Datura fastuosa 1959, 2781-2782
Descurainia sophia 1960
Duboisia myoporoides 8227
Eschscholzia californica 1135
essential oil plants 4496
Gardenia jasminoides 9106
Gomphrena globosa 3507
grapes 8715
Helianthus annuus 9183
medicinal plants 5587
Morinda lucida 2793
Parthenocissus tricuspidata 7939
pawpaws 9281
pears 5030, 5045
Perilla 3639
Petroselinum crispum 501, 1252
Petunia 7939
Pharbitis nil 1776
Phaseolus lunatus 6965
Phaseolus vulgaris 6055
quinces 5030
Rauvolfia 7296
Rauvolfia serpentina 9933
Rehmannia glutinosa 8281
Ruta graveolens 3707
spinach 950, 1547, 9637
Syringa vulgaris 6630
Tabernaemontana elegans 5638
tea 10221
tomatoes 1743, 5348
Zingiber officinale 7234
books 4798, 5791, 9311
conferences 4813, 6672
contaminants, *Actinidia chinensis* 6779
culture media
Anthurium andreanum 7945
Anthurium scherzerianum 5412, 8993
apples 75
Calluna vulgaris 8064
carnations 7100
Catharanthus roseus 5591, 8200
Chinese cabbages 5210
coconuts 8384
Cymbidium elcapitan 6281
garlic 5175
Gerbera 7113
Laburnum anagyroides 4275
Marsilea vestita 7165
melons 8465
peas 4275
Pilularia globulifera 7165
tomatoes 7100
Vaccinium corymbosum 6796
Zingiber officinale 7234
cytology
Asclepias curassavica 8187
carrots 1747
Catharanthus roseus 1946
garlic 1663
Pelargonium 1783
plants 4832
tomatoes 6137
Tissue culture *cont.*
disorders
vitrification
apples 6697
carnations 4349, 6191, 7098
chestnuts 102
grapes 7667
embryogenesis
carrots 2552
dates 3762
hazelnuts 7564
explants
sources
bananas 2072
Fuchsia 4464
pawpaws 3821
Petunia 6215
Prunus cerasifera 3593
Rhododendron 5496
Spiraea bumalda 3593
Vaccinium corymbosum 8642
growth, *Erica darleyensis* 2683
histology, grapes 3249
metabolites
production
Ajuga reptans 4541
Akebia quinata 8176
Atropa belladonna 8250, 9150
Catharanthus roseus 568, 4553, 5591, 6375, 8200-8202, 9162, 9969-9970
Centranthus macrosiphon 569
Cinchona 1951, 9163
Cinchona ledgeriana 5595, 9164, 9990-9991
Cinchona pubescens 572, 7271
coffee 681
Datura 8250
Digitalis lanata 10000
Duboisia leichhardtii 8250
Glycyrrhiza echinata 8241
Glycyrrhiza uralensis 1971
Heimia salicifolia 584
horticultural crops 9373
Hyoscyamus 8250
Hyoscyamus muticus 8251
Hyoscyamus niger 8252
Jasminum officinale 4496
Lithospermum erythrorhizon 4493, 8259
Morinda lucida 2793
Panax pseudoginseng 5621
Papaver somniferum 9969-9970, 10019
Peganum 9970
Pelargonium 8142
Pelargonium graveolens 8144
plants 4832
Ramalina yasudae 4596
Rauvolfia serpentina 5626
Rosmarinus officinalis 4515
Ruta graveolens 9195
Salvia miltiorrhiza 4584, 8287
Saponaria officinalis 1361
Scutellaria baicalensis 4585
Simmondsia chinensis 1381
Solanum aculeatissimum 1364
Solanum aviculare 1999
Strophanthus 9200
Tabernaemontana 4590
Tagetes 5426
techniques 1749
Thalictrum minus 5641
Tribulus alatus 5642
Tribulus terrestris 6441
Usnea rubescens 4596
organogenesis
apples 3099
Asclepias 8186
bananas 1451, 2072
Bougainvillea 5485
Calotropis gigantea 4609
carnations 5381-5382
cherries 4967
coconuts 676
Cymbidium balkis 2671
Cymbidium elcapitan 2671
Cymbidium sazanami 2670
dates 3764
Digitalis lanata 10000
garlic 5175

Tissue culture *cont.*
organogenesis *cont.*
grapes 3250
Matteuccia struthiopteris 4416
oranges 5700
peas 2490, 4274
Pelargonium 8142
Saintpaulia 7872
Senecio hybridus 3513
Streptocarpus nobilis 7959
Tagetes erecta 4373
tea 722, 10221
tomatoes 7872
Torenia fournieri 6229
Vicia faba 6065
woody plants 4458
Zinnia elegans 1795
physiology
Catharanthus roseus 4554
celery 1749
Dioscorea floribunda 2785
Magnolia soulangiana 2689
propagation
anthers
Datura metel 9998
Digitalis obscura 2783
Petunia 6215
Streptocarpus hybridus 9005
embryos
apples 68
cherries 1600, 7560
Citrus 9223
coconuts 8384
Epidendrum ibaguense 1842
grapes 908
Iris 5439
Iris laevigata × *Iris ensata* 4387
olives 908
peaches 4016
tomatoes 3418
equipment, plants 9330
meristems
Aeschynanthus hildebrandii 2703
Anthurium scherzerianum 5412
Armoracia rusticana 9116
bananas 7389
Cordyline fruticosa 5517
Cymbidium elcapitan 6281
Epipremnum pinnatum 5517
garlic 8740
grapes 3228
raspberries 8635
micropropagation
Actinidia chinensis 872
Adonis vernalis 7123
Amelanchier laevis 1232
Anthurium andreanum 7945
apples 75-76, 4899
bananas 656, 3778
Camellia 6288, 7186
Camellia japonica 3574
carnations 5383, 7100
carobs 6459
Castanea mollissima 4974
cherries 4968
chestnuts 102
chicory 233
chrysanthemums 2585, 6196
Chrysothamnus nauseosus 2025
Citrus 6465
Cordyline fruticosa 1824, 2656
cucumbers 3339
Ericaceae 3581
Euphorbia lathyris 4613
Ficus elastica 8039
Fuchsia 4464
Gardenia jasminoides 8105
Gerbera 3494-3495
globe artichokes 3308
gooseberries 2278
grapes 909, 1640, 8696
Lagerstroemia indica 9924
Lagerstroemia speciosa 6314
loganberries 4064
Magnolia soulangiana 1824
Matteuccia struthiopteris 4416
mulberries 2243
nut crops, reviews 6680
oil palms 3817

Tissue culture *cont.*
propagation *cont.*
micropropagation *cont.*
ornamental plants 3466
Paulownia tomentosa 1246
pawpaws 3821
peaches 4989, 4997, 6748, 7570
pears 5032
Pelargonium 1781
persimmons 5729
Philodendron erubescens 1824
Philodendron scandens 2585
Phyllanthus emblica 730
Pinus mugo 7189
plants 3030
Quercus shumardii 9928
quinces 6768
raspberries 2282
reviews 2129
Rhododendron 5496, 7195
roses 2700
Senecio cruentus 5425
Spathiphyllum wallisii 1824
stone fruits 6465
strawberries 5090, 9557
tomatoes 7100
Vaccinium corymbosum 8642
Veronica spicata 1794
Verticordia grandis 7226
watercress 6931
woody plants 8069
Ziziphus sativa 5783
ovules
cherries 7560
Citrus 9223
oranges 6466
protoplasts
aubergines 7002
chicory 5984
horticultural crops 2130
Physalis minima 4087
Santalum album 3642
sugarcane 703
responses
Asparagus 3388
Betula platyphylla 9099
Duboisia myoporoides 4563
strawberries 6804
Vaccinium corymbosum 8643
techniques
Actinidia chinensis 5897, 6779
almonds 48
Annona squamosa 7384
Anthurium scherzerianum 8035, 8993
apples 3933-3934, 3936, 5837, 6697, 9407
Artemisia scoparia 9148
Asclepias curassavica 8187
Asparagus 3388, 7825
Asparagus racemosus 2767
atemoyas 1446
avocados 2832
Bactris gasipaes 6587
bananas 1450, 1452, 2901, 6517, 9257
Begonia coccinea 1797
Begonia rex 1796
blackberries 5073, 6788
Boehmeria nivea 6340
books 4814
Byblis liniflora 7126
Cactaceae 3556
Calluna vulgaris 8064
Camellia 7187
Camellia oleifera 4604
Canna indica 3505
carnations 7099
cauliflowers 2395
Centaurium erythraea 5594
cherries 2231-2232, 3996
chestnuts 9482
chicory 4159, 5199
chrysanthemums 2584, 7106, 7109
citrumelos 10061
Citrus 624, 3740, 7322
cocoa 1466, 3789
coconuts 671
coffee 678, 10140
Cordyline fruticosa 1191

Tissue culture *cont.*
propagation *cont.*
techniques *cont.*
Corydalis remota 2779
Costus speciosus 1955
Crambe maritima 9673
Crataegus pinnatifida 490
Cyclamen 1801
Cymbidium kanran 2668
Dactylorhiza 4429
dates 3762
Dierama latifolium 4403
Digitalis obscura 9174
Drosera 7126
Drosera regia 7947
Elettaria cardamomum 4482
Erica darleyensis 5489-5491
Euonymus fortunei 1241
figs 6747
Fritillaria persica 444
fruit crops 48
reviews 750
garlic 3267
Geigeria aspera 4567
Gerbera 1769, 7113
Gladiolus × *Homoglossum* 7972
globe artichokes 6891
grapefruits 4632
grapes 162, 3229, 4100, 5122-5123, 7666-7667, 9583
Gynura aurantiaca 6275
Hemerocallis 1140
Heuchera sanguinea 9813
hyacinths 1807, 9832
Hydrangea macrophylla 9895
Hypoxis rooperi 10007
Ixia viridiflora 7972
Kalanchoe blossfeldiana 4413
Lagerstroemia speciosa 7215
lawns and turf 2631
Leptospermum 5525
Lilium longiflorum 2619
Liquidambar styraciflua 1889, 7218
Matteuccia struthiopteris 5469
melons 3340, 6019
Morus lhou 3140
Musa textilis 1452
Muscari armeniacum 7156
Nephrolepis exaltata 1831
Nerine bowdenii 9854
oil palms 4753
oranges 3739
Orchidaceae 3567, 5475
ornamental plants 5372, 7092
Palmae 5785
Panax pseudoginseng 5621
pawpaws 9280
peaches 4988
Pelargonium 5400
Phalaenopsis 9056
Phalaenopsis amabilis 2669
Phlox drummondii 5420
Piper nigrum 4486
pistachios 2259
plums 1596, 4043
pomegranates 10112
Pyrus pyrifolia 4027
Ranunculus 4407, 4409
Ranunculus asiaticus 5452
Rhododendron 8074
Rosa chinensis 1229
roses 5502
Ruscus hypophyllum 1993
Saintpaulia 3500
Sansevieria hyacinthoides 9049
Sapindus trifoliatus 8288
Serapias 7177
Simmondsia chinensis 1383
strawberries 889, 7638, 8658-8659
succulent plants 1830
sugarcane 702, 4784
Syringa 2688
tea 2992, 7187
Telopea speciosissima 7223
tulips 9022
Urginea indica 9203
Vaccinium ashei 886
Vaccinium vitis-idaea 1627

Tissue culture *cont.*
propagation *cont.*
techniques *cont.*
Vanilla planifolia 4488
walnuts 3185, 8625
woody plants 4433, 4457
Zingiber officinale 8125
protoplasts
almonds 781
apples 2169
Catharanthus roseus 2772
Kalanchoe blossfeldiana 9880
Morchella esculenta 1758
Pelargonium 1783
plants 3893, 3895
roses 5508
spinach 951
sugarcane 10208
tomatoes 3448
Torenia fournieri 8097
Vicia faba 1032, 6063-6064
responses
aluminium, *Petunia* 4359
buffers, *Ruta graveolens* 1360
cadmium, *Petunia* 4359
carbon dioxide, *Gerbera jamesonii* 4355
ethylene, *Gerbera jamesonii* 4355
fluorine, *Petunia* 4359
growth regulators
Digitalis obscura 9174
peas 2491
Zinnia elegans 9008
herbicides, pears 4029
light
chicory 956
coffee 681
Digitalis obscura 9174
photoperiodism, *Streptocarpus nobilis* 7959
salinity
Aster amellus 8024
Aster tripolium 8024
coffee 681
Matricaria recutita 10014
Mesembryanthemum nodiflorum 8024
Opophytum aquosum 8024
tomatoes 1067
sulphur compounds, *Petunia* 4359
temperature, coffee 681
X radiation, roses 5509
storage
apples 795
bananas 4683
carrots 4340
coconuts 671
plants 768, 4838
Prunus 2230
Pyrus pyrifolia 4027
sugarcane 2960
temperate fruits 3923
symbiosis, *Rhizoctonia stahlii, Dactylorhiza* 4429
techniques
celery 1749
plants 3029
sugarcane 10208
ultrastructure, pawpaws 9281
Titanium
composition, coconuts 2908
nutrition, grapes 5121
Tithonia diversifolia
plant
composition 9136
lactones 8153
Tobacco etch virus, *Capsicum* 8895
Tobacco leaf curl virus
Capsicum 7838
tomatoes 3408
Tobacco mosaic virus
Aeschynanthus hildebrandii 2703
Capsicum 7833, 8895
tomatoes 548, 2516, 3408, 7008, 8911
Togo, coffee, cultural methods 10143
Tomato leaf curl virus, tomatoes 6133
Tomato mosaic virus, tomatoes 6114
Tomato ringspot virus, plums 7580
Tomato spotted wilt virus, tomatoes 4320
Tomato yellow leaf curl virus, tomatoes 4321, 8906

Tomatoes
allelopathy 2342
buds
development
biochemistry 385
physiology 384
cold
injuries 8370
resistance
biochemistry 3444
growth regulators 2440, 2523, 5345, 7048
physiology 3444, 5529
treatment 4311
cultivars
assessment 2510
Brazil 5322
Cuba 3411
Denmark 1068, 8796
Egypt 2513
German Democratic Republic 6111
Guadeloupe 5323
Italy 2512, 8910
Libya 2337
Netherlands 356, 6112, 7853, 9736-9738
polar regions 6850, 7013
Seychelles 2335
USA 1727, 2514
USSR 2511, 6104, 6850, 7008, 7013
biochemistry 385, 3451, 6112, 6146, 7867, 8909
carbon dioxide 1730
characteristics 1729, 2516, 3412-3415
Brazil 7858
Bulgaria 6113
Canada 6114
France 1069, 2515
Japan 4309
Korea Republic 357
USA 1728, 4308, 7855, 7857, 8721, 8912
USSR 7856, 8911, 8913
diseases 1729, 2516, 3408, 3414-3415, 4307-4309, 6101, 6114, 7008, 7855, 7857, 8906-8908
disorders 4304, 4308
environment 8909
flowering 8944
fruiting 8944
growth 6103, 7869
harvesting date 5351, 7054
high altitudes 2516
histology 1087, 4332
mechanical harvesting 2511, 4305, 4307, 6110, 6146
mechanical properties 1087, 2511, 7009, 7011
morphology 8909
nutrition 6127, 7024, 7027, 9752
organogenesis 6102
pests 2516, 3409, 8939
physiology 384, 5351, 7010
pollution 963, 1730
processing 3412, 4309, 5322, 6110-6111, 6114
protected cultivation 355-356, 1068, 2512, 5326, 6104, 6112, 7852-7854, 9737-9738
ripening 7011
salinity 1067, 6107, 8934
soilless culture 363
sowing date 1731, 7012, 9761
spacing 363
storage 2544, 6112
temperature 354, 1739, 3410, 3444, 4306, 6105-6106, 7016, 7046
tropics 2516
water relations 4303, 4331, 6105, 7046, 7867
yields 6108-6109
cultural methods
books 1525
Italy 5321
mechanization 6115
Tanzania 2336
defoliation, responses 7021, 8921

Tomatoes *cont.*
diseases
Alternaria solani 7041-7042, 8935
Botrytis cinerea 371, 7056, 8936
Corynespora cassiicola 6132
cucumber mosaic virus 548
Fusarium oxysporum 3415
Fusarium oxysporum f.sp. *lycopersici* 1729, 6131, 8912
Fusarium oxysporum f.sp. *radicis-lycopersici* 6131
Leveillula taurica 2503, 5338
Penicillium 7056
Phytophthora infestans 1081
Phytophthora nicotianae var. *nicotianae* 4322
Pseudomonas solanacearum 1729, 2516, 3440, 8908
Rhizoctonia solani 2535
Septoria lycopersici 1081, 8935
tobacco leaf curl virus 3408
tobacco mosaic virus 548, 2516, 3408, 7008
tomato leaf curl virus 6133
tomato spotted wilt virus 4320
tomato yellow leaf curl virus 4321, 8906
Verticillium 8907
Verticillium dahliae 1729, 3415, 8912, 8937
Xanthomonas campestris pv. *vesicatoria* 6101
disorders
blossom-end rot 370, 2534, 3437, 4304, 4316
chilling injury 2545
greenback 8796
puffiness 6118
drought
resistance, cultivars 6105
responses 1737, 4331, 7055
dwarfing, growth regulators 3429
electrical properties, temperature 2348
flowers
development
biochemistry 385, 1086
environment 381
growth regulators 381
physiology 384
protected cultivation 7854
water relations 4331
thinning, responses 7873
fruits
abscission, environment 9757
biochemistry
irrigation 7020
nutrition 3451
composition 4328
cracking 382, 7009, 7052
development
biochemistry 385, 1743, 3449, 5351, 6723
cultivars 3411, 5351, 9761
diurnal variation 9765
environment 7055, 9761
growth regulators 393, 4333, 7058, 7865
light 7058
nutrition 7032
parthenocarpy 393, 4333, 5349
physiology 384
pollination 5349
salinity 7866
seasonal variation 3411
temperature 4333, 7017
water relations 7582, 9765
drop
cultivars 3410
temperature 3410
flavours 7057
histology 4332
mechanical properties
assessment 6115, 7059, 8946
biochemistry 6146
cultivars 1087, 6146, 7011
histology 1087
ripening 1745
microorganisms 6147
quality
assessment 8947
handling 390

Tomatoes *cont.*
fruits *cont.*
quality *cont.*
nutrition 3451
protected cultivation 7852
soilless culture 2524, 3450
temperature 390
ripening
biochemistry 386, 1088, 1742, 5350, 6138, 7874, 8945
cultivars 7011
growth regulators 1089, 6139-6140, 7051
pesticides 7049
physiology 9764
storage 6144
temperature 6144, 7017
set
cultivars 6104
growth regulators 7050, 7058
light 7058
nutrition 7032
protected cultivation 6104, 7854
temperature 4306
vibration 7050
water relations 4331
thinning, responses 7055, 7873, 9762
tissue culture 1743
fungicides
application 7042
responses 8935
geotropism 5346
grading
equipment 391, 1091
techniques 392, 6145, 7875, 8946
growing media
composition 358, 362, 365-366, 368, 1076, 2526, 6653, 7095, 7864, 8029, 8915, 8918, 9743
regeneration 3423
water relations 8029
growth regulators
ABA, responses 7051
acetylsalicylic acid, responses 7051
aminocyclopropane carboxylic acid, determination 383
BA, metabolism 1741, 3445
brassinosteroids
physiology 380
responses 8923
chlormequat, responses 2523, 5344, 6123
4-CPA, responses 3428, 7050, 7058
2,4-D, responses 7051
daminozide, responses 6123
dichlorophenoxyacetyl dimethyl pyrazole, responses 3428
dihydrozeatin, determination 7467
ethephon
determination 4871
residues 6147
responses 1089, 2523, 3428, 6123, 6140-6141, 7051
ethylene, biosynthesis 43, 379, 1742
flurprimidol, responses 9421
fosamine, responses 7865
GA
responses 3428, 7050
translocation 4329
naphthoxyacetic acid, responses 7058
nitroguaiacol, responses 4317
nitrophenolate, responses 4317
paclobutrazol, responses 7864, 9421
polyamines, responses 9744
salicylic acid, responses 7051
zeatin riboside, determination 7467
handling
injuries 9766
techniques 390, 5166, 9609
harvesting
economics 1090
equipment 8734
harvesting date, cultivars 7054
techniques, mechanical harvesting 387, 1090, 2542-2543, 6142-6143, 6147
heat
injuries 7055

Tomatoes *cont.*
heat *cont.*
resistance
cultivars 354, 6105-6106
growth regulators 2440, 5345, 7048
herbicides
injuries 5309
responses 2519
insecticides, responses 7049
intercropping
maize 2522
pineapples 10180
tomatoes 10179
irrigation
fertilizers, application 359, 361, 5312, 5330, 7464
frequency 5331-5333
requirements, determination 3424
responses 1074-1075, 4314-4316, 5331, 5352, 7052
systems 1075, 2520, 5331-5333, 8919
water
composition 3425
pH 8987
salinity 6854, 7020, 9605
leaves
development
growth regulators 7865
photosynthesis 5342
temperature 7017
marketing, USA 9610
mulching
materials 1073, 3419, 3426-3427
responses 1073, 3419, 3426-3427, 8726, 8920
nematicides, responses 7049
nutrients
absorption
conferences 8488
light 6128
measurement 6716
soil pH 7023
requirements, analysis 6778, 8730, 9607
translocation 2540, 4327
nutrition 7095
aluminium 5819
boron 206, 3432, 7036-7038
calcium 361, 367-368, 2534, 3262, 3430, 3433, 3435, 3438, 6716, 7024-7025, 7027, 8933
chlorine 7025
cobalt 9752
iron 369, 4319, 5961, 9752-9754
magnesium 361, 367, 3436-3438, 6126, 7024-7025, 7027, 7039-7040, 7859
manganese 3432, 7038
manures 3261, 8930, 9751
nitrogen 31, 202, 361-362, 1070, 1658, 1735, 1738, 2525-2531, 3262, 3433-3435, 3451, 4318, 5312, 5336-5337, 5352, 6126-6127, 7025-7032, 8483, 8487, 8732, 8929, 9749
phosphorus 361, 368, 1070, 1658, 2525-2526, 3432-3433, 3435, 3451, 4319, 6126, 7025-7028, 7033-7034, 8931, 9749, 9753
potassium 31, 202, 361, 369, 1658, 2525-2526, 3430, 3433, 3435-3436, 6126-6127, 7024-7028, 7032, 7035, 8932
sodium 7024-7025
sulphur 207, 7025, 7030, 7034
thallium 7035
trace elements 1658, 6716
zinc 205, 9753
organic culture 9751
packing, materials 1744
parasitic plants, *Orobanche ramosa* 7018
pests
Aphididae 6855
Aphis gossypii 6119
Belonolaimus longicaudatus 6131
Bemisia tabaci 4321, 6133
biological control, books 8439
Dolichodorus 6131

Tomatoes *cont.*
pests *cont.*
Frankliniella intonsa 6119
Heliothis armigera 1083, 3441
Heliothis punctigera 3441
Heliothis zea 7043-7044
integrated control 2346
Keiferia lycopersicella 7043-7044
Leptinotarsa decemlineata 4323
Liriomyza bryoniae 2537, 6119
Liriomyza sativae 7044
Liriomyza trifolii 2537
Meloidogyne 389, 2516
Meloidogyne arenaria 998
Meloidogyne incognita 372-374, 388, 1071, 1082, 2536, 8937-8938
Meloidogyne javanica 375, 6346, 8939, 9755
Myzus persicae 7045
Neoleucinodes elegantalis 3409
Scirtothrips dorsalis 6119
Spodoptera eridania 7044
Spodoptera exigua 7043
supervised control 2346
surveys, South Africa 1736
Thrips tabaci 4320
Trialeurodes vaporariorum 1084, 2345, 2347, 2537, 5339, 6119
Tylenchorhynchus 6131
photoperiodism 5341
photosynthesis
biochemistry 210
inhibitors 378
light 4325-4326, 5342-5343
nutrition 9752
physiology 377, 2539, 9756
temperature 5340, 5343
plant
composition 1283
antimony 8940
ascorbic acid 5826
boron 8941
cadmium 8930
caesium 8940
calcium 7874, 8941
carbohydrates 9758
carbon 8464
chlorophyll 209
copper 3918, 8930
enzymes 379, 3070, 3443, 3446-3447, 6135, 7868
essential oils 7871
fatty acids 6857
flavonoids 3432
growth regulators 384, 1737, 5347, 9759
heavy metals 3266
lipids 8493
manganese 3918
nickel 8930
pectins 8941
phenolic compounds 385
photosynthates 5821
potassium 2532-2533, 8940
proteins 8942
rubidium 8940
sodium 2532-2533, 8940
sterols 2541
sulphur 2127
zinc 8930
development
assessment 7869
humidity 9790
light 9758
phenology 6102
temperature 9758
vascular system 2538
planting, spacing 1070
pollination
physiology 9763
pollinators, Apoidea 5319
research 4330
pollution
cobalt 1732
copper 4313
nickel 4313
nitrogen oxides 1730
oxidants 963
ozone 4313, 5823, 9744
phthalates 6639

Tomatoes *cont.*
pollution *cont.*
polyvinyl chloride 927
sulphur dioxide 7810
tolerances 963
processing, cultivars 3412, 5322, 6110-6111, 6114, 7856
production, Denmark 8921
protected cultivation
carbon dioxide 1730, 1734, 3439, 6130, 9348
cultivars 356, 1068, 2512, 6104, 6112, 7852-7854, 9736-9738
cultural methods 381, 4317, 7021, 7050, 7052, 7058, 7873, 9762
diseases 371, 4322, 8936
economics 35
energy conservation 1739, 3422, 5327-5328, 6120, 7476, 7859-7861, 8471
environmental factors 382
growing media 361-362, 365-366, 368, 2420, 6125
heat retention 7016
heating systems 2134, 3035, 4861, 5325-5326
humidity 371, 5328
irrigation 359-360, 2520, 3424, 5334, 7052
Italy 6625
labour requirements 6124
light 1734, 2340-2341, 5324, 5341, 6128, 6851, 7476, 9761
microclimate 5340
mulching 202, 7015
nutrition 202, 359, 361-362, 368, 6126, 6128, 7028
pests 1084, 5339, 7045
planting stock 7014
pollination 6104, 9763
pollution 1730
pruning 6136, 7863
rotations 3420
shading 2139
soilless culture 360, 363, 1076-1078, 2521, 2524, 5334, 6124-6125, 7866
sowing date 9761
systems
assessment 7015
greenhouses 929, 3421, 4851, 6118-6119, 6638, 7483, 8478, 9336, 9745
netting 7463
plastic film 1536, 3054
plastic tunnels 35
temperature 1734, 1739, 7016-7017, 7050, 7859, 8473, 9761
training 2521
pruning, responses 6136, 7863
reports
Australia 6608
Belgium 8452-8453
Brazil 2121
Cyprus 9316
India 3022, 6614-6615
Irish Republic 3883, 9317
Israel 744
Sarawak 6619
Switzerland 15
Taiwan 8458
UK 3885, 4826, 4828, 9320
USA 6623, 9321
respiration
photorespiration 9756
physiology 2539
roots
composition 9760
development
flowering 7873
fruiting 7873
rootstocks, diseases 8907-8908
rotations 1072, 9755
salinity
responses 3425, 7055, 8934
tolerances 6107, 7040
seedlings
development
caesium 1740
cultivars 4303
growing media 9742

Tomatoes *cont.*
seedlings *cont.*
development *cont.*
salinity 926
temperature 3442
water relations 4303
production
cultural methods 4311-4312, 6117, 8914, 8987
growing media 364, 4310, 9739-9741
light 2136
protected cultivation 757, 2340, 6116
soilless culture 8822
treatment
antitranspirants 5416
growth regulators 3429, 6123
hydrophilic polymers 9743
seeds
germination
cultivars 4303
inhibitors 5304
salinity 926, 6129, 6856
temperature 3442
tests 3892
water relations 3416, 4303
production
cultivars 2510
cultural methods 6141
harvesting 7053
sowing
sowing date 1731, 7012, 7014, 9761
techniques 3417
treatment 925, 2517, 3416-3417, 5163
shade, responses 7463
shoots
development
cultivars 6103
flowering 7873
fruiting 7873
histology 4324
histology 376
soil amendments 1080
soil conditioners, responses 9748-9750
soil fumigation 2518
soil management
responses 2518, 3419
systems 2518, 3419
soil pH, responses 7023, 8729
soil temperature, mulching 3426
soil types 7023
soilless culture
cultural methods 8727
growing media 3430, 5334, 6125, 6656, 7022, 8924, 8926
irrigation 360, 1537, 7052
nutrient solutions
composition 7025, 7030, 9748
salinity 7866
temperature 8925
volume 7022
nutrition 202, 363, 1080, 3430, 5961, 8933
responses 3450
systems
assessment 1078, 8927
reviews 9747
hydroponics 1076-1077, 5335, 8928
nutrient film techniques 1537, 2521, 7866, 8728, 8932, 9746
staking
responses 3427
systems 2522, 3427
storage
cultivars 2544
diseases 7056
disorders 2545
packing 1744
quality
ethylene 1744, 7056
harvesting date 2544
irrigation 5352
nutrition 5352, 6723
systems, controlled atmosphere storage 7056
temperature 2544-2545, 6144

Tomatoes *cont.*
taxonomy 3396
tissue culture
biochemistry 5348
culture media 7100
cytology 6137
organogenesis 7872
propagation
embryos 3418
micropropagation 7100
protoplasts 3448
responses, salinity 1067
training, systems 8922
transpiration
antitranspirants 7867
irrigation 5332-5333
measurement 1537, 3424
protected cultivation 5327
transport, injuries 1745
vibration 7050
water relations
biochemistry 1085, 1737
cultivars 7867
growth regulators 5344
measurement 1079, 5331, 9366
physiology 6134, 7047, 7867
temperature 7046
waterlogging 3431
weed control 930, 1073, 2519, 5309, 5329, 6121-6122, 7862, 8917
weeds, competition 1733, 8916
wild plants, surveys 8720
wounds, physiology 7870
yields
correlation 2341, 6108-6109, 7873
diseases 7041, 8906
pests 388-389
Tonga, medicinal plants, surveys 8157
Topworking
apples 2168, 9405-9406
apricots 3980
avocados 2831
Citrus 623
Citrus tamurana 10064
Liriodendron tulipifera 1860
peaches 8581
Pouteria sapota 3860
satsumas 2844, 10064
Torenia fournieri
tissue culture
organogenesis 6229
protoplasts 8097
Torilis scabra, fruits, composition 1280
Torreya grandis
seeds
composition 3576
development, embryology 3576
shoots, anatomy 3575
Tortricidae
apples 3958
carnations 3926
grapes 6839
pears 3958
temperate fruits 3926
Town compost (*see* Refuse compost)
Toxicodendron radicans, plant, composition 9966
Toxoptera aurantii, feijoas 6499
Trachelium caeruleum
cultural methods, pot plants 1144
cut flowers, production, cultural methods 7133
Trachelospermum asiaticum, landscaping, USA 8098
Trachelospermum jasminoides, plant, composition 3658
Trachyandra, plant, vascular system 9872
Trachycarpus wagnerianus, plant, composition 6273
Trachyspermum ammi, seeds, composition 3624
Tractors, design, nurseries 9788
Tradescantia, heat, injuries 9798
Tradescantia paludosa, pollen, tubes, development 463
Tradescantia virginiana
flowers, development, cytology 6875
photosynthesis, physiology 1126
Training
mechanical methods
boysenberries 876

Training *cont.*
mechanical methods *cont.*
loganberries 876
responses
apples 801, 2163, 3104, 3116, 3944, 4901, 4918-4920, 5868, 7531
apricots 7555
cherries 100, 2233
cucumbers 2415, 2422
grapes 1645, 4110, 4113-4114, 5126, 5132, 5134-5135, 5933, 8689
hops 9956
nectarines 5878
peaches 3151, 5011-5012, 5878, 6749
tea 3855
systems
apples 801, 3104, 4906, 4914, 4918-4922, 5850-5851, 7531
apricots 7555
blackberries 877
boysenberries 881
cherries 100, 2233
cucumbers 2422, 7775
grapes 917, 1645-1647, 2310, 4096, 4103, 4110, 4112-4114, 5134-5136, 5932-5933, 7674, 8704-8705, 8707
conferences 739
mangoes 10161
peaches 5011-5012, 8584
pears 5038, 9503
plums 5893, 6765
raspberries 7601, 7604, 8639
temperate fruits 3078-3080, 4882
tomatoes 2521, 8922
Transpiration (*see also* Water relations)
antitranspirants
apples 6715
tomatoes 7867
carbon dioxide, strawberries 7650
cultivars, *Poa pratensis* 9031
diurnal variation
Adonis mongolica 9973
bananas 8380
cherries 101
drought
apples 2191
Schefflera arboricola 2666
environment
Actinidia chinensis 5899
bananas 8380
oranges 5703
flooding, *Vaccinium* 8644
flowering
apples 9448
cherries 101
fruiting, strawberries 2301
growth regulators
Pelargonium 2592
poinsettias 9082
Vicia faba 8870
humidity, mandarins 9237
irrigation
Parthenium argentatum 5650
peaches 109
tomatoes 5332-5333
light
apples 8536
Hedera helix 9078
Vaccinium macrocarpon 7630
measurement
Actinidia chinensis 5899
apples 2188
bananas 8380
cucumbers 7785
grapes 5129
greenhouse crops 4854
Litchi 10098
Luffa aegyptiaca 5802
plants 4870
rubber 1502
tomatoes 1537, 3424
physiology
aubergines 8901
horticultural crops, reviews 2144
Phaseolus vulgaris 4217
strawberries 2301
Vicia faba 4217
Transpiration *cont.*
pollution
Phaseolus vulgaris 7797
pot plants 6263
Vicia faba 6968
protected cultivation, tomatoes 5327
salinity, pomegranates 8365
seasonal variation, foliage plants 9039
soil water
oranges 2846
poinsettias 9082
temperature, pomegranates 8365
water relations
Phaseolus vulgaris 4218
strawberries 7650
Transport
injuries
foliage plants 7903
pot plants 7903
tomatoes 1745
refrigeration, cut flowers 7902
systems
assessment
apples 825
cherries 6739
cut flowers 6184
vegetables 2351
temperature, pot plants 8028, 8038
Tranzschelia discolor* f.sp. *domesticae, plums 8620
Tranzschelia pruni-spinosae, apricots 831
Trapa bispinosa
plant
composition 1290
cytotoxic compounds 8305
Trapa natans, seedlings, development, physiology 6260
Trees and shrubs (*see* Woody plants)
Trema micrantha, plant, composition 8159
Tremella fuciformis, composition 2566
Trialeurodes vaporariorum
cucumbers 1084, 1706
Cucurbitaceae 2436
Gerbera 4354
greenhouse crops 2346-2347, 5165, 6662
melons 997
Solanaceae 2436
tomatoes 1084, 2345, 2537, 5339, 6119
Trianthema portulacastrum, as weeds, onions 2357
Tribulus, as weeds, cucumbers 8826
Tribulus alatus, tissue culture, metabolites, production 5642
Tribulus terrestris, tissue culture, metabolites, production 6441
Trichocentrum pfavii, parasitic plants 1836
Trichocereus spachianus
as rootstocks, *Lophophora williamsii* 8041
cultural methods, USA 9886
Trichocolletes, pollinators, *Diuris maculata* 8054
Trichoderma
control, of *Botrytis cinerea,* grapes 5939
Lentinus edodes 8964
Pleurotus 6170
Trichoderma hamatum
control
of *Botrytis cinerea,* grapes 8710
of *Rhizoctonia solani,* radishes 985, 8814
Trichoderma harzianum
control
of *Botrytis cinerea*
Cyclamen 5431
grapes 5938, 8710
of diseases, horticultural crops 5820
of fungi, carrots 6157
of *Phomopsis sclerotioides,* cucumbers 7781
of *Rhizoctonia solani*
radishes 985
tomatoes 2535
of *Rosellinia necatrix*
almonds 9442
apples 9442
populations, growing media, radishes 9667
Trichoderma koningii, mushrooms 8960
Trichoderma viride
control
of *Botrytis cinerea,* grapes 5938, 8710
of *Fusarium solani, Vicia faba* 4231
of *Fusarium viride, Zingiber officinale* 503
of *Phytophthora cactorum,* apples 83
of *Pythium pleroticum, Zingiber officinale* 503
of *Rhizoctonia solani*
lettuces 4166
radishes 985
mushrooms 8960
Trichogramma, control, of *Eldana saccharina,* sugarcane 3843
Trichogramma australicum, control, of *Eldana saccharina,* sugarcane 3843
Trichogramma platneri
control
of *Amorbia cuneana,* avocados 9219
of *Sabulodes aegrotata,* avocados 9219
Trichogrammatoidea eldanae, control, of *Eldana saccharina,* sugarcane 3843
Trichomes
Betulaceae 9093
chrysanthemums 1121
Mentha viridis 9949
plants 6181
tamarillos 10113
Tillandsia deppeana 9864
Utricularia 9862
Zebrina pendula 4422
Trichoplusia ni
cabbages 978
cauliflowers 980
Trichosanthes, plant, composition, peptides 2809
Trichosanthes cucumerina
nutrition 6941
seeds, treatment 925
Tridactyle, chromosomes 9055
Trifolium campestre, as weeds, lawns and turf 2632
Trifolium dubium, as weeds, lawns and turf 2632
Trifolium hybridum, establishment, slopes 5455
Trifolium incarnatum, as weeds, lawns and turf 2632
Trifolium repens
as cover crops
cabbages 9663
temperate fruits 9333
as weeds
carrots 5353-5354
lawns and turf 2632, 7163
cultivars, assessment 8007
landscaping, urban sites 8007
Trigonella foenum-graecum
cultivars, diseases 2810
diseases, *Rhizoctonia solani* 2810
intercropping, *Curcuma longa* 4477
plant
composition
sapogenins 551, 4594
saponins 10037
seedlings, development, water relations 9941
seeds
composition 604, 2011, 3720-3721
germination, biochemistry 1256
Trigonella grandiflora, plant, composition, flavonoids 6351
Trigonella tenuis, plant, composition, flavonoids 6351
Trillium miyabeanum, chromosomes 7157
Trillium tschonoskii
chromosomes 7157
plant, composition, glycosides 3543
pollination, compatibility 7158
Trioza erytreae, Citrus 2865, 4646
Tripterygium wilfordii, plant, composition, terpenoids 2012

Triteleia laxa, cut flowers 8001
Triticum durum, as weeds, fennel 1097
Triumfetta lappula, plant, composition 8159
Triumfetta rhomboidea, plant, composition, glycosides 4595
Trollius chinensis
  cut flowers, production, cultural methods 1788
  seeds, germination, physiology 2604-2605
Tropaeolum majus
  leaves, senescence 3515
  plant, composition, proteins 9826
  seeds, development, biochemistry 5427
Tropical crops
  herbicides
    application 2898
    tolerances 2898
  pests, surveys, India 762
  weed control 2898
Tropical fruits
  biology, conferences 3016
  conferences 6602
  cultural methods, agroforestry, reviews 654
  disorders, chilling injury, reviews 8370
  growth regulators, reviews 6671, 7381
  landscaping, USA 2673
  marketing, systems 1444
  nutrients, requirements, assessment 7310
  plant
    development, assessment 7379
    physiology 7312
      reviews 7311, 7377
  production, Brazil, conferences 6603
  roots, physiology, reviews 7380
  water relations, physiology, reviews 8317
Tropics
  horticultural crops, conferences 8449
  wild plants, conferences 8449
Tsuga canadensis
  as rootstocks, *Picea* 1214
  drought, injuries 2677
  pests, *Otiorhynchus sulcatus* 6291
Tuber melanosporum, nutrition, manures 6171
Tubers
  development
    photoperiodism
      Begonia 1799
      Begonia hiemalis 1800
    physiology, *Oxalis bowiei* 9829
    temperature, *Begonia* 1799
  dormancy
    biochemistry, Jerusalem artichokes 4156, 7725
    temperature, *Cyperus esculentus* 1100
  production
    cultural methods
      Anemone coronaria 2611-2613
      Gloriosa rothschildiana 4404
      Ranunculus asiaticus 2611-2613
  size, cultivars, Jerusalem artichokes 7724
  storage, temperature, *Caladium hortulanum* 2653
Tuff, utilization, growing media, chrysanthemums 9801
Tulip mosaic virus, *Lilium* 440
Tulipa (*see also* Tulips)
  chromosomes 7149
  pollen, ultrastructure 8466
Tulipa biebersteiniana, bulbs, development, physiology 9849
Tulipa bifloriformis, bulbs, development, physiology 9849
Tulipa eichleri, wild plants, propagation 7151
Tulipa fosteriana, cultivars, bedding plants 4397
Tulipa greigii
  bulbs, development, physiology 9849
  cultivars, bedding plants 4397
Tulipa julia, wild plants, propagation 7151
Tulipa kaufmanniana, cultivars, bedding plants 4397
Tulipa orphanidea, bulbs, development, physiology 9849
Tulipa schmidtii, wild plants, propagation 7151
Tulipa schrenkii, bulbs, development, physiology 9849
Tulipa sylvestris, chromosomes 3530
Tulipa tarda, bulbs, development, physiology 9849
Tulipa turkestanica, bulbs, development, physiology 9849
Tulipa vvedenskyi, bulbs, development, physiology 9849
Tulips (*see also Tulipa*)
  breeding, selection 7989
  bulbs
    composition 2626
    development, biochemistry 5445
    production, cultural methods 1162, 4375
    sprouting, biochemistry 4399
    treatment 442, 1814, 9848, 9850
  cultivars
    assessment 4398
      Netherlands 9846-9847
    bedding plants 4397
    cut flowers 9850
    diseases 1161
    forcing 1161, 3534, 5444, 7991
    protected cultivation 7990
    variegation 4396
  cultural methods, pot plants 1814, 4400
  cut flowers
    breeding 7989
    handling 7992
    preservatives 6186
    production
      cultural methods 5444, 9850
      protected cultivation 7990
    senescence 5446
  diseases
    Fusarium oxysporum 1161
    viruses 4376
  dwarfing, growth regulators 4400
  flowers
    colour, biochemistry 6247
    development, growth regulators 3535
    tissue culture 3533
  forcing 3534, 7989, 7991, 9023
  intercropping, *Lilium* 7990
  leaves, senescence 3536
  nutrition, nitrogen 1162
  pests, *Ditylenchus dipsaci* 3531
  plant, composition 1146
  pollution, fluorine 7150
  reports
    Netherlands 14
    UK 3885, 4824
  roots, cytology 2625
  shoots, development, growth regulators 3532
  tissue culture, propagation, techniques 9022
Tung
  cultural methods, Malawi 1442
  planting stock, production, techniques 2895
  roots, development, assessment 2895
Tungsten, translocation, tomatoes 4327
Tunisia
  Cucurbitaceae, diseases, control 7779
  grapes, cultural methods 5113
Tunnels (*see* Protected cultivation)
Turbinicarpus, taxonomy, morphology 8044
Turdus migratorius, *Vaccinium* 7628
Turf, utilization, growing media, woody plants 410
Turkey
  Citrus, nutrition, surveys 4643
  grapes, cultivars 3214
Turmeric (*see Curcuma longa*)
Turnera diffusa, plant, composition 8156
Turnip mosaic virus, swedes 5204
Turnips
  herbicides, injuries 4139
  leaves
    histology 3324
    storage 2398
  nutrients, requirements, analysis 9607
Turnips *cont.*
  protected cultivation, light 4177
  reports, UK 4826, 6621
  respiration, physiology 7715
  seeds
    germination
      anaerobiosis 6069
      inhibitors 2342
      oxygen 6070
    production, cultural methods 6005
Tuvalu, horticultural crops, research 3888
Tylenchorhynchus
  Capsicum 3404
  tomatoes 6131
Tylenchorhynchus brassicae, aubergines 8904
Tylenchorhynchus claytoni, *Arachniodes adiantiformis* 6267
Tylenchulus semipenetrans
  Citrus 622, 1413, 2863, 4648, 8328
  oranges 1415, 2862
Tylophora hirsuta, plant, composition, alkaloids 1375
Tylophora indica, tissue culture, propagation, protoplasts 2130
Typhlodromus pyri
  control
    of *Panonychus ulmi*
      apples 5855
      grapes 2318
    of *Tetranychus urticae*, apples 809
Typhlodromus rhenanoides, control, of Acari, peaches 5884
Typhlodromus soleiger, control, of *Tetranychus urticae*, apples 809
Tyrophagus neiswanderi, *Cymbidium* 8055
UK
  apples, cultivars 788
  Asparagus, cultivars 6081
  Chrysanthemum, species, annuals 4363
  Coriandrum sativum, cultural methods 2723
  Eschscholzia, cultivars 4363
  greenhouse crops, economics 2125
  Kniphofia, surveys 3510
  Lentinus edodes, production 4346
  marrows, cultivars 6015
  Narcissus, breeding 4394
  Pelargonium peltatum
    cultivars 5398
    cultural methods 5398
  Pieris japonica, cultivars 9110
  Sorbus domestica 1894
  Syringa, species 1859
  woody plants, cultivars 8057
Ullucus, as weeds, carrots 5354
Ulmus
  parasitic plants, *Viscum album* 8308
  water relations, physiology 5513
Ulmus glabra, pollution, tolerances 475
Ulmus parvifolia, cultivars, characteristics, USA 7225
Ulmus pumila
  pollution
    hydrogen fluoride 4435
    ozone 4435
  products, wood chips 1876
Umbelliferae, plant, composition, lactones 9370
Unaspis yanonensis, *Citrus* 5698, 7350
Uncaria, plant, composition, alkaloids 2013
Uncaria gambir, plant, composition, tannins 555, 3649
Uncaria tomentosa, plant, composition, alkaloids 2014
Uncinula necator, grapes 156, 3245-3246, 4096, 4123-4124, 5120, 5935, 6841, 7659
Uranium, absorption, radishes 7759
Urginea altissima, chromosomes 7994
Urginea indica, tissue culture, propagation, techniques 9203
Urginea maritima, wild plants, surveys, Canary Islands 8000
Urocystis cepulae
  leeks 937, 3277
  onions 7709
Uromyces appendiculatus
  Phaseolus 6662
  Phaseolus vulgaris 2466-2467

Uromyces dianthi, carnations 5384, 6662, 8978
Uromyces transversalis, *Gladiolus* 9014
Uromyces viciae-fabae, *Vicia faba* 4228
Ursinia speciosa, landscaping, slopes 7085
Urtica dioica
as weeds
currants 137
pome fruits 78
plant, composition 9204
plant extracts, utilization, fertilizers, tomatoes 9751
Urtica urens
as weeds
pome fruits 78
Scorzonera 7743
vegetables 4141
USA
Agave murpheyi, production 2813
Agave parryi, production 2813
Allium, cultural methods 3889
almonds, rootstocks 8583
Antirrhinum, cultivars 1113
apples
cultivars 789, 6692
pests, integrated control 3108
rootstocks 70
Artocarpus, cultural methods 3777
Asparagus, cultivars 5303
Brassica campestris, cultural methods 3889
Capsicum, cultivars 8891, 8893, 8895
cauliflowers, cultivars 2393
Citrus
cultivars 7321
diseases, biological control 2859
pests, biological control 2859
Crambe abyssinica, production 9210
cucumbers, cultivars 8820
Cucurbita foetidissima
cultural methods 4605
production 9210
Cypripedium kentuckiense 1201
energy, sources, surveys 4610
Eremochloa ophiuroides, cultivars 1169
feijoas, cultural methods 4672
Gladiolus, cultivars 7138
grapefruits, cultivars 4626
grapes
cultivars 3217, 4092-4093, 5923-5924, 6820, 7660-7661
cultural methods 4093, 5114
diseases, biological control 2315
pests, biological control 2315
production 4090-4092
Gypsophila paniculata, cultivars 7129
hazelnuts, cultivars 9483
Hemerocallis, cultivars 7998
Hemizonia fasciculata, cultural methods 3889
Hibiscus rosa-sinensis, cultivars 7213
hops, production 4519
horticultural crops, conferences 3873
lawns and turf, ecology 4411
lettuces, cultivars 960, 4160
Lonicera japonica, ecology 7219
nectarines, cultivars 4978
okras, cultivars 6084
oranges, cultivars 3735, 10057
ornamental plants, research 9782
Panax quinquefolius, wild plants, surveys 3702
Parthenium argentatum, economics 8315
peaches
cultivars 4007, 4009, 4978
cultural methods 4007
rootstocks 105, 8583
pecans, pests, control 3179
persimmons, cultivars 9253
plums
cultivars 8616
rootstocks 8583
poinsettias, cultivars 1220
Prunus maackii, cultural methods 7221
pummelos × grapefruits, cultivars 4625
raspberries, cultivars 4060
Rhododendron
cultivars 8074
USA *cont.*
Rhododendron cont.
diseases 2695
Salvia, species 9822
Simmondsia chinensis, production 9210
Spiraea japonica, cultivars 3609
strawberries, cultivars 4076, 7636-7637, 8655-8657
tomatoes, cultivars 1727-1728, 2514, 4308, 7855, 7857, 8912
Trichocereus spachianus, cultural methods 9886
Ulmus parvifolia, cultivars 7225
Vaccinium ashei, cultivars 3200, 4068-4069
vegetables
cultivars 8721
marketing 9610
woody plants
diseases, surveys 1208
pests, surveys 1208
Usnea rubescens, tissue culture, metabolites, production 4596
USSR
almonds, cultivars 7503
Anethum graveolens, cultivars 6850
Anthriscus cerefolium, cultivars 6850
apples
cultivars 62-63, 65-66, 3922, 4895, 6693, 7509, 9393
rootstocks 74
apricots, cultivars 3922, 3979, 7553
Artemisia, cultivars 9129
black currants, cultivars 3190, 6786, 8629
Capsicum, cultivars 8889-8890
cauliflowers, cultivars 6910, 7747-7748
celeriac, cultivars 8954
celery, cultivars 8954
cherries
cultivars 3922, 3993
rootstocks 4965
Citrus junos, hybrids 8322
Clematis, breeding 4463
Crocus vernus, cultivars 9828
cucumbers, cultivars 5232, 6936, 7766
Cucurbita maxima, cultivars 6937
cut flowers, production 7086
Cydonia sinensis, cultivars 7573
Daphne cneorum, conservation 6310
essential oil plants, cultivars 9946
feijoas
cultivars 8345
production 2883
figs, cultivars 7565, 8353
fruit crops
cultivars 8467
production 6679
garlic, cultivars 4144, 8737
gooseberries, cultivars 6787, 7600
grapefruits, hybrids 8324
grapes, cultivars 3219, 3221, 4094, 6819
kumquats, cultivars 8367
lemons, cultural methods 5672
lettuces, cultivars 6896
Lilium, cultivars 4393
loquats, cultivars 8351
medicinal plants, surveys 5578
Mentha, cultural methods 8135
Mentha piperita, cultivars 5547
nut crops, cultivars 7575, 8467
olives, cultivars 8353, 9247
onions, cultivars 5966, 6866, 7704
oranges, hybrids 8322, 8324
Orchidaceae 8051
ornamental plants
diseases, books 4
pests, books 4
peaches, cultivars 4011, 4983, 7553
pears, cultivars 3922, 5029
persimmons, cultivars 8353
Phaseolus vulgaris, cultivars 9697
plums, cultivars 3922, 3993, 5067, 7578, 8613
pomegranates, wild plants, surveys 5731
pummelos, hybrids 8324
Pyrus, cultivars 7573
quinces, cultivars 7573
raspberries, cultivars 5903-5905, 9543
USSR *cont.*
roses, cultivars 9131
satsumas
cultivars 8323
hybrids 8322, 8324
Satureja bzybica, cultivars 9132
Satureja spicigera, cultivars 9132
small fruits, cultivars 131
spice plants, cultural methods 9942
strawberries, cultivars 4075, 6800-6801
tea, cultivars 2990
tomatoes, cultivars 2511, 6104, 7008, 7013, 7856, 8911, 8913
Vaccinium macrocarpon, cultivars 8640
vegetables, cultivars 6850, 7685
walnuts, cultivars 4047
Ustilago scitaminea
reports, USA 3887
sugarcane 1504, 2959, 4782-4783, 10209
Utricularia, trichomes 9862
Uvaria acuminata, plant, composition, cytotoxic compounds 605
Uvaria kirkii, roots, composition 3722
Vaccinium
cultivars
assessment, New Zealand 3198, 4065
diseases 4065
propagation 7611
yields 3199, 4066, 7615
cultural methods
Belgium 3188
conferences 7452
cuttings 7611
diseases, *Monilinia* 1522
fruits
composition 870, 5909
mechanical properties, assessment 141
growing media, pH 4071
harvesting, techniques, mechanical harvesting 8650
herbicides, injuries 4070
nutrition
manures 5908, 7615
nitrogen 7615
phosphorus 7615
potassium 7615
pests
birds 7628
Cheimophila salicella 140
Operophtera bruceata 140
Rhagoletis mendax 7627
Spilonota ocellana 140
planting, spacing 7615
pollination, pollinators, insects 1522
protected cultivation, cultivars 3202
reports
Israel 7459
Switzerland 7461
USA 6623
soil pH, responses 4071
weed control 4070, 7616
yields, pests 140
Vaccinium angustifolium
mycorrhizas 8647
weed control 5080, 5906-5907
Vaccinium ashei
cultivars
assessment, New Zealand 4067
characteristics, USA 3200, 4068-4069
propagation 2288
yields 3199
cuttings, rooting, cultivars 2288
flooding, responses 7629, 8644
fruits
drop, cultivars 8649
ripening, biochemistry 6797
set, flowering 8649
irrigation, water, salinity 8645
planting, spacing 7618
pruning, systems, assessment 7618
soil pH, responses 8646
soil types 8645
tissue culture, propagation, techniques 886
Vaccinium australe *(see Vaccinium corymbosum)*

Vaccinium corymbosum
cultivars
nutrition 7621
storage 7633
yields 6793
cultural methods
containers 6795
reviews 6792
cuttings 8642
sources, cultural methods 7613
diseases
Botrytis 7625
Botrytis cinerea 7633
flooding, responses 8644, 9552
fruits, ripening, physiology 4073
growing media, composition 7612
herbicides
injuries 5079
tolerances 5079
irrigation, responses 9550
mulching
materials 9551
responses 9551
nutrition
calcium 7621
nitrogen 6795, 7612, 7621
phosphorus 7621
potassium 7621, 7624
trace elements 5081-5082
pests
Araneae 7625
Caedicia simplex 7625
Costelytra zealandica 7625-7626
Hemiberlesia rapax 7625
Liothula omnivora 7625
Orthotydeus californicus 7625
Pseudococcus 7625
Stathmopoda 7625
Tortricidae 7625
Xiphinema americanum 8648
photosynthesis, flooding 9552
planting stock
production
protected cultivation 7614
techniques 8643
tissue culture 8642-8643
pruning, systems, mechanical methods 7618
reports, USA 9321
soil aeration, responses 7619
soil amendments 9551
soil pH, responses 5081-5082
soil structure, responses 7619
soil types 7619
storage
physiology 6794
systems 7633
tissue culture
culture media 6796
explants, sources 8642
propagation, responses 8643
water relations, physiology 2189
weed control 3203, 5079
Vaccinium darrowii, water relations, physiology 2189
Vaccinium macrocarpon
cultivars
assessment
German Federal Republic 7610
USSR 8640
biochemistry 1628
harvesting 8651
light 7630
storage 8651
cultural methods, reviews 6792
fruits
colour
biochemistry 1628
surfactants 7632
temperature 7631
composition 5083
development, temperature 7631
harvesting, techniques, assessment 8651
irrigation, water, pH 7620
leaves, anatomy 7630
nutrition, phosphorus 7623
photosynthesis, light 7630
plant
composition, anthocyanins 1628
development, temperature 7631
soil pH, responses 7620
Vaccinium macrocarpon *cont.*
storage
diseases 8651
disorders 8651
quality, surfactants 7632
transpiration, light 7630
Vaccinium myrtilloides, weed control 5080
Vaccinium myrtillus, pollination, pollinators, Apoidea 4072
Vaccinium praestans, propagation 8641
Vaccinium vitis-idaea
cuttings 3201
fruits, composition 8652
mulching
materials 7617
responses 7617
nutrition 7622
nitrogen 7617
plant, composition, manganese 3204
tissue culture, propagation, techniques 1627
Valepotriates
composition
Valeriana 606
Valeriana officinalis 5643
Valeriana spryginii 6444
determination, *Valeriana* 8306
production, tissue culture, *Centranthus macrosiphon* 569
Valeriana
plant
composition
essential oils 8306
valepotriates 8306
Valeriana amurensis, seeds, composition 5580
Valeriana condamoana, plant, composition, valepotriates 606
Valeriana fauriei, plant, composition, essential oils 6442
Valeriana fedtschenkoi
plant
composition
alkaloids 9205
essential oils 9205
Valeriana ficariifolia
plant
composition
alkaloids 9205
essential oils 9205
Valeriana micropterina, plant, composition, valepotriates 606
Valeriana officinalis
cultivars, assessment, Romania 1259
plant
composition
essential oils 2734, 3627, 6443
terpenoids 2746
valepotriates 5643
seeds
production
cleaning 7258
grading 7258
Valeriana prionophylla, plant, composition, valepotriates 606
Valeriana pulchella, plant, composition, valepotriates 606
Valeriana sambucifolia, seeds, composition 5580
Valeriana spryginii, plant, composition 6444
Valeriana tuberosa, seeds, composition 5580
Valerianella locusta
frost, resistance, physiology 6166
plant, composition, growth regulators 8957
protected cultivation
cultural methods 7075
energy conservation 8471
systems, plastic film 5958
reports, Belgium 8453
water relations, physiology 2560
Valerianella olitoria (*see Valerianella locusta*)
Valerianella radiata, as weeds, lawns and turf 2632
Valsa, peaches 4013
Valsa cincta, apricots 3978
Vanadium
determination, spinach 7722
Vanadium *cont.*
nutrition, *Phaseolus vulgaris* 9702
responses, onions 6874
Vanda teres, leaves, composition 3913
Vanilla planifolia
seeds, development, embryology 3073
tissue culture, propagation, techniques 4488
Vanillosmopsis erythropappa, plant, composition, lactones 3723
Vanuatu
cocoa, economics 1464
coconuts, cultural methods 4727
Vegetables
cultivars
characteristics
Hungary 20
USA 8721
cultural methods
India 1072
Jordan 1655, 7689
Mauritius 2334
mechanization 928
reviews 3256
Seychelles 2335
diseases, *Pythium* 6153
disorders 764
drying, energy requirements 773
frost
injuries, surveys 5808, 5957
resistance
physiology 1764
surveys 5957
fungicides, residues 4864
grading, techniques 774, 1554, 2352
growing media, composition 6653
handling, techniques 1526
harvesting, techniques, mechanical harvesting 44
herbicides, injuries 4140-4141
irrigation
systems 3258-3259
water, sources 6853
marketing, systems 2351
mulching, materials 9606
nutrients, requirements, analysis 203
nutrition 7690, 9606
books 9306
boron 2344
manures 2339
nitrogen 6917
potassium 203, 8485
nutritional value 7694
organic culture 2339
pesticides, residues 4864
pests
biological control, Caribbean 2
control
Canada 4348
conferences 8445
Diabrotica 3726
integrated control 2345
Meloidogyne 932
surveys, India 762
Trialeurodes vaporariorum 2347
plant
composition
ascorbic acid 2339, 5826
carotenes 7496
carotenoids 3919
fluorides 3265
nitrates 212, 2339
proteins 41
vitamin B 5167
planting, equipment 201
pollution, mercury 7687
production, energy requirements 5955
protected cultivation
biochemistry 212
cultural methods 6637, 7689
diseases 208
economics 35, 7688
energy requirements 6852
growing media 200
heating systems 755
Italy 6625
nutrition 203
conferences 6
pests 6855
soilless culture 1078
systems 1655, 1657, 5794

Vegetables *cont.*
protected cultivation *cont.*
systems *cont.*
plastic film 5827
plastic tunnels 35
quality
cultural methods 4143
nutrition, reviews 6675
storage 4143
reports
Belgium 742
Canada 3881, 4818, 6611, 9313
Colombia 3020
Cyprus 9316
Fiji 3021
Irish Republic 3883, 9317
Italy 1532
New Zealand 6617
Sarawak 6619
UK 3023, 3886, 4829, 6622, 8459
USA 6623, 9321
Yugoslavia 7462
roots, development, conferences 9312
rotations 932
salinity, responses 3260
seedlings
planting
techniques 201
reviews 2338
production, Japan 2349
seeds
production
cleaning 9608
cultural methods 1661
Japan 2349
tropics 933
sowing, techniques, reviews 2338
storage 5162
treatment 7474, 8440
soil types 3260
soilless culture
systems
assessment 1078
nutrient film techniques 8728
tropics 21
storage
physiology 772
systems
assessment 211
conferences 3017
cold storage 4143
transport, systems, assessment 2351
wild plants, surveys, Nepal 7465
Veltheimia, bulbs, production, cultural methods 9843
Venezuela
Annona, production 1445
cucumbers, cultivars 1704
melons, cultivars 1704
Phaseolus vulgaris, cultural methods 6951
pineapples, cultivars 6552
watermelons, cultivars 1704
Ventilago calyculata, plant, composition, quinones 1257
Venturia inaequalis
apples 62-63, 84, 789, 1574, 1592, 2173, 2182, 2186-2187, 2203, 3088, 3953, 4889, 4933, 5833, 5836, 6661, 6712-6713, 7508, 7514, 7525, 7537, 9392, 9415, 9437, 9471
Malus 5527, 9782
pears 3168
Verbascum, plant, composition, iridoids 2015
Verbascum densiflorum, plant, composition, alcohols 2606
Verbascum phlomoides, plant, composition, alcohols 2606
Verbena
fungicides, tolerances 8973
growing media, composition 7095
nutrition 7095
planting stock, production, containers 9064
Verbena bonariensis
drought, tolerances 9827
flowers, development, cultural methods 9827
Verbena hybrida, drought, tolerances 9827
Verbena officinalis
plant
composition 5644
glycosides 6445
Verbena rigida, drought, tolerances 9827
Verbesina, leaves, composition 999
Verbesina diversifolia, plant, composition, essential oils 9965
Vermiculite
utilization
growing media
bedding plants 7095
Begonia 9009
Cyclamen 1148
Dendromecon rigida 3602
lettuces 961
mulberries 5875
Photinia arbutifolia 1890
Platycodon grandiflorus 3512
radishes 9667
Rhododendron 6300
Rhododendron yedoense 6299
Saxifraga fortunei 5424
tomatoes 7052, 8926-8927
Vaccinium vitis-idaea 3201
vegetables 7095, 8915
Vitis californica 7664
Vernonia glabra
plant
composition 7257
lactones 1376
Vernonia scorpioides, plant, composition, lactones 1376
Veronica, flowers, development, growth regulators 6669
Veronica arvensis, as weeds, lawns and turf 2632
Veronica beccabunga, leaves, morphology 8958
Veronica peregrina, as weeds, *Rhododendron simsii* 5374
Veronica persica, as weeds, vegetables 4141
Veronica spicata, tissue culture, propagation, micropropagation 1794
Verticillium
Acer negundo 1879
apricots 4958
mushrooms 8960
strawberries 5084
tomatoes 4309, 8907
Verticillium albo-atrum
aubergines 7003
hops 7249-7250
reports, UK 3025
tomatoes 4308, 6114
Verticillium dahliae
aubergines 6190
globe artichokes 6893
reviews 6892
horticultural crops 8490
pistachios 4037
strawberries 5089
tomatoes 1729, 3414-3415, 6114, 8912, 8937
Verticillium lecanii
control
of *Thrips tabaci,* cucumbers 7782
of *Trialeurodes vaporariorum,* greenhouse crops 6662
of *Uromyces appendiculatus, Phaseolus vulgaris* 2466
Verticillium theobromae, bananas 1459
Verticordia grandis, tissue culture, propagation, micropropagation 7226
Vespula pensylvanica, reports, USA 3887
Vetiver *(see Vetiveria zizanioides)*
Vetiveria zizanioides
cultivars, biochemistry 3646
plant, composition, essential oils 3624, 3626, 3646
Vibration, tomatoes 7050
Viburnum
landscaping, USA 3570
planting stock, production, containers 9064
pollen, ultrastructure 1896
Viburnum bodnantense, cuttings, types, summer cuttings 1849, 6284
Viburnum japonicum, plant, composition, iridoids 6325
Viburnum opulus, cuttings 5514
Viburnum plicatum
cultivars, characteristics, Canada 8970
herbicides, tolerances 473
Viburnum plicatum* f. *tomentosum, cultivars, characteristics 9930
Vicia faba
as green manures, hops 534
cultivars
assessment
Mexico 1029
Norway 4249
Spain 3364
water relations 6061
cultural methods, India 1028
diseases
Ascochyta fabae 4228
Botrytis fabae 4228
control 4224
Sudan 4229
Fusarium solani 4230-4231
Uromyces viciae-fabae 4228
drought, resistance, physiology 6061
flowers, development, cytology 7812
fungicides, responses 9718
growth regulators
ABA
metabolism 309, 4240
responses 8870, 8873
ancymidol, responses 8870
daminozide, responses 8870
ethanolamine, responses 8870
ethylene
biosynthesis 8872
metabolism 336, 8871
morphactins, responses 3367
TIBA, responses 3367
harvesting, harvesting date, assessment 4242
heat, injuries 5281
herbicides
injuries 4140-4141
tolerances 4139
insecticides, residues 3263
intercropping
cabbages 6969
maize 6969
rye 6967
irrigation
requirements, determination 3369
responses 4227
leaves
anatomy 8868
physiology 305, 307, 1127, 2475, 4234, 5283
mulching
materials 6967
responses 6967
mycorrhizas 304
nutrition
iron 4210
manganese 5268
nitrogen 2473
phosphorus 5280
potassium 5280
sulphur 6059
trace elements 2473
parasitic plants, *Orobanche crenata* 4237
photosynthesis
antioxidants 4235
biochemistry 42, 4236
nutrition 5280
physiology 306, 1031, 1126, 2474, 4217, 8869, 9717
steroids 4232
sulphites 3368
plant
composition
enzymes 379, 2146, 3070, 4241, 5282, 7811
glycosides 6062
lipids 1032
nucleic acids 4155
photosynthates 4233
phytoalexins 6060
polysaccharides 3072, 9716
proteins 4268

Vicia faba cont.
pods
development
light 310
spacing 3370
temperature 3370
quality, nutrition 8488
pollination, physiology 6970
pollution
acids 3368
ozone 6968, 7686
polyvinyl chloride 927
sulphur dioxide 7810
reports
Canada 9313
Cyprus 9316
UK 746-747, 6621
respiration, steroids 4232
roots
cytology 4238-4239
nodulation 304
seedlings
development
fungicides 9718
growth regulators 9718
seeds
composition 1033, 4243, 6067-6068
development
biochemistry 1015
physiology 6066
germination
biochemistry 1015
water relations 4226
sowing 3366
row orientation 4225
sowing date 4225, 6966-6967
spacing 3365, 3370, 4225, 6966-6967, 8867
techniques 6967
treatment 4224, 4230-4231, 5280
soil water, responses 3369, 4227
tissue culture
organogenesis 6065
protoplasts 6063-6064
transpiration
growth regulators 8870
physiology 4217
water relations
growth regulators 8870
measurement 2128
physiology 308, 422, 3369, 8868
weed control 302-303, 1030
yields, correlation 3364
Vicia sativa
as weeds, lawns and turf 2632
flowers, development, cytology 7812
Vicoa indica
plant
composition 3724
sterols 9206
Vigna, marketing, USA 9610
Vigna luteola, plant, composition 5576
Vigna sesquipedalis (*see Vigna unguiculata)*
Vigna unguiculata, protected cultivation, cultural methods 6980
Vinca
cultivars, assessment, German Federal Republic 9787
diseases, biological control 6180
harvesting, techniques, mechanical harvesting 1377
herbicides, injuries 6174
planting stock, production, containers 9064
Vinca difformis, plant, composition, alkaloids 8307
Vinca herbacea, plant, composition, alkaloids 6446
Vinca major
leaves, development, phyllotaxy 6666
plant, composition, alkaloids 6447
Vinca minor
diseases, biological control 5820
pests, *Meloidogyne hapla* 2721
plant, composition, alkaloids 7304
Vinca rosea (*see Catharanthus roseus)*
Vincetoxicum hirundinaria, flowers, morphology 9207
Viola arvensis, as weeds, vegetables 4141
Viola papilionacea, as weeds, lawns and turf 7163
Viola tricolor
flowers
colour
biochemistry 2607
spectral data 5378
nutrition 4374
planting, spacing 4374
Viola wittrockiana
flowers, size, breeding 2608
seedlings, production, growing media 6172
seeds
germination, water relations 4364
treatment 2572
Virola
plant
composition 1928
alkaloids 5645
Virola elongata
fruits, composition 2811
plant, composition, lignans 4597
Virola sebifera, plant, composition 1928
Viruses
control
of *Adoxophyes,* tea 8431
of *Homona magnanima,* tea 8431
of *Hyphantria cunea,* woody plants 9065
of *Leucoma salicis,* woody plants 9065
of *Lymantria dispar,* woody plants 9065
of *Mamestra brassicae,* cabbages 6003
of *Oryctes rhinoceros,* coconuts 8388-8389
mushrooms 8960
Viscum album
plant
composition
lignans 8308
phenolic compounds 8308
Viscum cruciatum
plant
composition
cytotoxic compounds 5646
proteins 3725
Vismia guineensis, plant, composition, xanthones 6448
Vitacea polistiformis, grapes 4128
Vitamin A (*see* Carotenes)
Vitamin B
composition
Artemisia balchanorum 2023
Citrus 4668
Coriandrum sativum 4472
Helenium aromaticum 2023
Hyssopus officinalis 2023
Mentha longifolia 2023
determination
fruit crops 5167
vegetables 5167
metabolism
cultivars, grapes 1639
seasonal variation
leeks 6864
Welsh onions 6864
tissue culture, peas 2491
Vitamin C (*see* Ascorbic acid)
Vitamin D, responses, *Phaseolus vulgaris* 6964
Vitamin P, composition, black currants 8632
Vitamins
composition
fungi 1104
Sorbus aucuparia 4051
Viteus vitifoliae, grapes 5927, 5935, 6843-6844, 7660, 7676
Vitex agnus-castus, plant, composition, iridoids 4470
Vitex glabrata, plant, composition, steroids 10038
Vitis (*see also* Grapes)
pests, *Otiorhynchus* 5376
wild plants, surveys, China 6678
Vitis californica
cuttings 7664
Vitis californica cont.
landscaping
slopes 7664
USA 7664
Vitis labrusca, cuttings 7090
Volatile compounds
biochemistry
apples 4954
Armoracia rusticana 7762
Boronia latipinna 6333
Petroselinum crispum 1253
radishes 7762
Trigonella foenum-graecum 3720
characterization
lemons 5714
strawberries 3211
Zanthoxylum 3647
composition
Aronia melanocarpa 4085
Calamintha nepeta 4499
Capsicum 8900
figs 9485
Gardenia tahitensis 516
grapefruits 6492
grapes 6848
mangoes 695
Ophrys 7179
Osmanthus fragrans 9108
Paeonia lactiflora 2601
Rosmarinus officinalis 5537
Salvia officinalis 5537
satsumas 6498
tea 5781, 8432
Thymus vulgaris 5537
Vaccinium ashei 6797
watermelons 4203
Zanthoxylum leprieurii 2812
determination
grapefruits 5715
plants 9325
Liliaceae 215
metabolism
germination, peas 1037
ripening, *Actinidia chinensis* 4055
storage
apples 8553
tomatoes 2545
reviews, essential oil plants 2732
Voles
apples 1575
Citrus 5699
Volvariella, production, Hungary 1753
Volvariella diplasia, cultural methods, India 2569
Volvariella speciosa, composition, mercury 9779
Volvariella volvacea
composition 2566
enzymes 1759
cultural methods, Indonesia 8969
growing media, composition 1105
Vriesea ospinae, growing media, composition 8971
Walnuts
allelopathy 3186
budding, techniques 867
buds
dormancy, drought 8626
fruiting potential 4050
cold, responses 9385
cultivars
assessment
Greece 1621
USSR 7575
Yugoslavia 8623-8624
characteristics
France 2266
USSR 4047
diseases
Gnomonia leptostyla 2266
Phytophthora 4049, 6769, 6772
Rosellinia necatrix 3925
Xanthomonas campestris pv. *juglandis* 2266, 5895
drought, responses 8626
ecology, Bulgaria 7584
flowers
development, growth regulators 6669
initiation, physiology 9374
frost, injuries 1558, 7499, 9380

Walnuts *cont.*
grafting
seasons 1622
techniques, bench grafts 4048
unions, treatment 3184
handling, techniques 9529
nutrients, requirements, analysis 6770
nuts, composition 1564, 8627
plant, composition, lipids 5822
planting stock, production, tissue culture 3185
pollen
germination, amines 415
storage 5896
pollution
hydrogen fluoride 4435
ozone 4435
production, slopes 2152
rootstock scion relationships, yields 1621
rootstocks
diseases 4049, 6769
propagation, tissue culture 3185
salinity, responses 9385
shoots, development, biochemistry 9528
tissue culture
propagation
micropropagation, reviews 6680
techniques 8625
yields, spacing 4050
Walsura trifoliata, plant, composition, terpenoids 607
Waltheria glomerata, plant, composition 8159
Washingtonia filifera
seeds
composition 9931
cytology 5718
Water chestnut (*see Trapa natans*)
Water relations (*see also* Drought; Transpiration)
biochemistry
peas 6060
tomatoes 1085, 1737
Vicia faba 6060
chromium, *Phaseolus vulgaris* 7800
conferences, fruit crops 2116
cultivars
apricots 6738, 8557
grapes 5921
peaches 8557
tomatoes 7867
cultural methods
apples 2156
Pelargonium roseum 2741
plums 2156
cytology
carrots 3457
onions 1548, 4834
peas 4260
Rhoeo 1548
diurnal variation
apples 87, 3112
lemons 87
Litchi 8347, 10099
olives 2892
peaches 2247, 5009
Vicia faba 3369
environment
apricots 6738
fruit crops, reviews 3911
Vicia faba 3369
fruiting
apples 4935
nectarines 7571
growth regulators
apples 86, 2193, 9449
cherries 2235
chrysanthemums 3492
grapes 2320, 9591
horticultural crops 9369, 9425
nectarines 7571
peaches 9449
satsumas 2851
tomatoes 5344
Vicia faba 8870
irrigation, peaches 109
light, *Phaseolus vulgaris* 9709
measurement
apples 87, 2192, 8537, 9366
Capsicum 2128

Water relations *cont.*
measurement *cont.*
Coleus 2128
cucumbers 9366
grapes 188, 9590
greenhouse crops 9361
horticultural crops, reviews 3071, 3909
lemons 87
olives 188, 2893
oranges 5681
pineapples 10181
plants 3910, 7468
Populus deltoides 188
roses 9366
succulent plants 2128
sugarcane 3845, 9292
tomatoes 1079, 5331, 9366
Vicia faba 2128
microorganisms, cut flowers 8094, 8096
mycorrhizas, roses 8079
nutrition, cabbages 6920
physiology
Adonis mongolica 9973
Agave deserti 9041
Agave lechuguilla 5552
apples 86, 2190, 3118, 9416
Arbutus unedo 7047
bananas 10121
beetroots 9624
Begonia 6231
Bromeliaceae 8021
Capsicum 2506, 3405, 5315
carnations 4351
Citrus 635, 3737
Citrus latifolia 7354
cocoa 670
coconuts 6550
conferences 5800
cucumbers 5253
cut flowers 7921, 7931, 8084, 8092
Cyclamen persicum 9011
Cynodon dactylon × *Cynodon transvaalensis* 9030
fruit crops 2189, 7582
reviews 3911
grapefruits 2870
grapes 187, 2319, 2321
mandarins 10083
oil palms 6550
olives 2892
pears 3169
peas 4261, 7819
Pelargonium 308, 422
persimmons 10110
Phaseolus vulgaris 4218, 8860
pistachios 9518
Pitcairnia integrifolia 8022
Prunus 2261
Pteris vittata 9048
Rhododendron ponticum 4447
Schefflera arboricola 4421
Simmondsia chinensis 10041
spinach 949
strawberries 7650
subtropical fruits, reviews 8317
succulent plants 8027
sugarcane 10205
tomatoes 6134, 7047, 7867
tropical fruits, reviews 8317
Valerianella locusta 2560
vegetables 7582
Vicia faba 308, 422, 3369, 8868
woody plants 5513
potassium, spinach 227
ringing, apples 4935
rootstock scion relationships
apples 2165, 7541
grapes 2321
peaches 4992
salinity
chrysanthemums 3492
Citrus 6471
oranges 8329
seasonal variation
apples 2193
bananas 10129
celery 7886
grapes 1642-1643
olives 2893, 5724
Parthenium argentatum 5652

Water relations *cont.*
sex, pistachios 6760
soil water
Actinidia chinensis 3189
cucumbers 5253
Vicia faba 3369
solar radiation, *Litchi* 10098
temperature
peaches 9912
tomatoes 7046
woody plants 9912
training, grapes 5933
Watercress
frost
injuries, surveys 5808
resistance, tests 7763
growth regulators
aminocyclopropane carboxylic acid, biosynthesis 7764
ethylene, biosynthesis 7764
pollution, heavy metals 2408
reports, UK 4826
seeds, germination, physiology 7472
tissue culture, propagation, micropropagation 6931
Waterlogging
Actinidia chinensis 3189
cocoa 7400
cucumbers 3431
Phaseolus vulgaris 7802
sugarcane 6566, 10189
tomatoes 3431
Watermelon mosaic virus, cucumbers 4187
Watermelons
cultivars
characteristics 2411
China 9677
USA 8721
Venezuela 1704
diseases 2411
germination 6016
identification 3332
pollution 3334
storage 6932, 8847
cultural methods, Hungary 9674
diseases
Colletotrichum lagenarium 2411
control 763
Tunisia 7779
Didymella bryoniae 2411, 6027
Fusarium oxysporum f.sp. *niveum* 2411, 3346
electrical properties, temperature 2348
fruits
composition 9694
flavours, biochemistry 4203
ripening, biochemistry 278
growth regulators, ethephon, determination 4871
herbicides, injuries 8827
marketing, USA 9610
mulching 5244
nutrition
iron 3344
magnesium 8836
manganese 8836
nitrogen 1658
phosphorus 1658
potassium 1658
trace elements 1658
zinc 3344
pollution
ozone 3334
sulphur dioxide 3334
protected cultivation, systems, assessment 9674
reports, Sarawak 6619
rotations 1072
seedlings
development
biochemistry 6947
cytology 6946
seeds
germination, physiology 5234, 7472
production, cleaning 1007
storage 6016
soil amendments 3346
soil heating 5244
storage
quality, cultivars 8847
systems, assessment 6932

Watermelons *cont.*
storage *cont.*
temperature 9695
weed control 6938, 8825, 8827
Watsonia arnerdei, plant, composition, tannins 9140
Watsonia fourcadei, seeds, germination, physiology 9855
Waxes
biochemistry
bananas 1460
Euphorbia 10045
Mahonia aquifolium 3605
biosynthesis, *Simmondsia chinensis* 2020
composition, *Hippophae rhamnoides* 5101
metabolism
environment, plants 2131
growth regulators, oranges 6488
ultrastructure, bananas 1460
Wedelia calendulaceae, plant, composition, phenolic compounds 2016
Wedelia glauca, plant, composition 5576
Wedelia scaberrima, plant, composition, essential oils 9965
Weed control
Anethum graveolens 8127
annuals 6174
apples 78, 3938-3940, 4912, 5828, 6683, 6699, 8523, 9417
apricots 6683
aubergines 1062, 8725
bananas 6519, 9258
bedding plants 6175
beetroots 6877
black currants 137, 7594, 9536
Brassica 251, 5211, 7751
broccoli 252
cabbages 5212, 6915, 8725, 8801-8803, 8805
Capsicum 5309, 6090
carrots 397-398, 5222, 5353, 7878-7879
Carum carvi 8119
cauliflowers 252, 5212-5213, 8725
celery 404
Chamomilla recutita 4556
cherries 6683
chicory 234, 7730
Chinese cabbages 7745, 8804
chrysanthemums 2588
citranges 5676
Citrus 625, 1400
cocoa 2903-2905
coconuts 4731
coffee 1472, 2917-2921, 5743
container grown plants 9063-9064
Coriandrum sativum 2725
cucumbers 264, 287, 5240-5241, 5309, 8826
Cucurbita maxima 5238-5239
Cucurbitaceae 8825, 8827
Cuminum cyminum 4473-4474
Curcuma longa 2726
Cymbopogon 4502
Euphorbia lathyris 3727
fennel 1097
garlic 213, 3271, 5963, 8738-8739
Gladiolus 5436, 9012
globe artichokes 7727
grapes 167-172, 2308, 3234, 3243, 4106-4108, 5928-5931, 5935, 6824, 7669-7670
guavas 1479
Hippophae rhamnoides 7594
hops 532
horticultural crops 8490
lawns and turf 447-448, 450-451, 1171-1174, 1176, 1817, 2632-2634, 3547, 5458, 7160-7164, 8010-8011
leeks 216, 7701
Leucadendron 5526
mangoes 2929
marrows 5240
melons 265
Mentha arvensis 4508
Mentha piperita 5545, 8139
nectarines 5882
oil palms 1487-1489, 2933-2936, 4754, 7412
okras 4288
Weed control *cont.*
onions 2357-2360, 3289, 5178, 5967-5968, 6870, 8750-8753
oranges 5675-5676
Origanum 9937
ornamental plants 5374, 9064
peaches 2246, 4017, 5005, 5828, 5882, 6751, 9489
pears 78, 3938, 4912, 6683
peas 3373, 7814, 8725
Pelargonium graveolens 9951
Petroselinum crispum 930, 2727
Phaseolus vulgaris 286-287, 1017, 2453-2462, 3355, 6961, 7799
pineapples 3822, 8413
plums 6683
pot plants 413
pumpkins 7774
radishes 5222
raspberries 5077, 6791, 9544
red currants 137, 9536
roses 9907
rubber 2935, 2951, 2953, 5758, 10186
Salvia sclarea 7244, 8119
Scorzonera 246, 7743
small fruits 3077
strawberries 145-146, 148, 890, 5097, 5911, 6809
sugarcane 708, 1508, 2963-2971, 3835, 4786, 7423, 8421-8422
Taxus cuspidata 7190
temperate fruits 49, 3077, 7500, 7670
tomatoes 1073, 2519, 5309, 5329, 6121-6122, 7862, 8917
tropical crops 2897-2898
Vaccinium 4070, 7616
Vaccinium angustifolium 5080, 5906-5907
Vaccinium corymbosum 3203, 5079
Vaccinium myrtilloides 5080
vegetables 930
Vicia faba 302-303, 1030
watermelons 6938
woody plants 470-474, 6286, 9063-9064, 9891
Weeds
competition
apples 3939
Asparagus 2496
black currants 3191
Brussels sprouts 253
carrots 5354
Cuminum cyminum 4475
Hippophae rhamnoides 3191
peas 6972
Phaseolus vulgaris 285, 5264-5265
rubber 2952
sugarcane 1509, 2972-2975, 7423
tomatoes 1733, 8916
identification, oil palms 2932
Weigela, cuttings, types, summer cuttings 1849
Weigela florida
cultivars, characteristics, Canada 7227
cuttings, treatment, antitranspirants 7205
shoots, development, growth regulators 3592
Weigela praecox, cuttings, types, winter cuttings 5531
Weingartia, protected cultivation, temperature 2647
Welsh onions
cultivars, sowing date 8767
plant, composition, vitamins 6864
seeds
germination, inhibitors 2147
sowing, sowing date 8767
West Africa, horticultural crops, books 4795
White currants, reports, Netherlands 6616
Whitfieldia elongata, cultural methods, pot plants 1132, 5532
Wind
injuries
coconuts 8386
oranges 3752
sugarcane 1507
responses
grapes 4104
greenhouses 5815
Wind *cont.*
responses *cont.*
plants 3896
sugarcane 2095
Windbreaks (*see also* Shelterbelts)
greenhouses 4840
Winter hardiness (*see also* Cold; Frost)
assessment
Camellia 4438-4439
Camellia japonica 4437
olives 9248
Rhododendron 6301
temperate fruits 2151
woody plants 5481
biochemistry
apples 9450
olives 9248
peaches 4010
roses 9906
cultivars
apples 6690, 8505
apricots 6734, 8557
blackberries 8634
damsons 126
lawns and turf 3545
olives 9248
peaches 8557
plums 126
spinach 5186
cultural methods, lawns and turf 4410
interstocks, apples 8515
nutrition, satsumas 10075
physiology
damsons 126
plums 126
temperate fruits 4877
woody plants, conferences 2114
pruning, raspberries 7603
rootstock scion relationships, cherries 98
sowing date, carrots 7061
thermoblankets, lawns and turf 4410
water relations
apricots 8557
peaches 8557
Wisteria, landscaping, urban sites 9889
Wisteria floribunda, plant, composition 1290
Wisteria sinensis, seedlings, production, cultural methods 7182
Withania coagulans, plant, composition, lactones 8309
Withania obtusifolia, plant, composition, steroids 608
Withania somnifera
cultural methods, India 4598
plant, composition, lactones 8310
roots, composition 8311
Wood chips
utilization
growing media
Anthurium andreanum 5411
fungi 1105
Liquidambar formosana 1876
Pyracantha 1876
Wood shavings
utilization
growing media, fungi 1105
mulches, oil palms 6547
Woody plants
air layering 8059
biology, books 3016
cultivars, pot plants 2674
cultural methods
Gambia 6598
pot plants 8100
roadsides, books 2108
urban sites, books 2108
diseases
integrated control 3570
surveys, USA 1208
disorders, leaf scorch 5484
drought, resistance, physiology 6287
establishment, spoil banks 2679
frost
injuries 412
surveys 5808
resistance, physiology 1764
growth regulators
reviews 6671
China 3465

Woody plants *cont.*
growth regulators *cont.*
zeatin, biosynthesis 5071
herbicides
injuries 9063
tolerances 471
landscaping 7087
books 3007
New Zealand 7180
Poland 2672
reclaimed land 467
roadsides 467, 1208, 8057
roofs 1230
urban sites 1208-1209, 2672, 4432, 5479, 7181, 8057
USA 468, 3570
nurseries
cultural methods 3591, 6286
weed control 471-473
nutrition 6673
iron 9368
manures 2680
ornamental value, books 3863
pesticides, application, injection 6660
pests
Heptophylla picea 2680
Hyphantria cunea 9065
integrated control 3570
Leucoma salicis 9065
Lymantria dispar 9065
Maladera castanea 2680
surveys, USA 1208
Thaumetopoea pityocampa 9065
planting, site preparation 467
planting stock
overwintering 5481
production
containers 471, 1851, 7183, 7471, 9063
techniques 3591
books 2106
pollution, reviews 5482
propagation, techniques, conferences 4808
pruning
equipment 9375
prunings disposal 754, 2132
reports
Canada 6612, 9313
German Federal Republic 8456
UK 3025, 9320
research, USA 9782
taxonomy, nomenclature 8056
utilization, erosion control 7185
weed control 9891
wild plants, utilization, New Zealand 7180
winter hardiness
assessment 5481
physiology, conferences 2114
Wounds
biochemistry
peas 5290
sugarcane 10210
healing
peaches 110, 5020, 9494
temperate fruits 1562
physiology
Cucurbita maxima 7787
tomatoes 7870
responses, woody plants 1212
Xanthium, leaves, composition 999
Xanthium cavanillesii, plant, composition, essential oils 2017
Xanthium strumarium, leaves, composition 8887
Xanthoceras, wild plants, surveys, China 6678
Xanthoceras sorbifolium, plant, composition, oils 4599, 6449
Xanthogaleruca luteola, *Ulmus parvifolia* 7225
Xanthomonas albilineans
reports, Mauritius 4822
sugarcane 6577
Xanthomonas campestris* pv. *betlicola, *Piper betle* 2032
Xanthomonas campestris* pv. *campestris, cabbages 9654
Xanthomonas campestris* pv. *citri
Citrus 7344, 9234
Xanthomonas campestris* pv. *citri *cont.*
mandarins 9233
Xanthomonas campestris* pv. *corylina, hazelnuts 4975
Xanthomonas campestris* pv. *cyamopsidis, *Cyamopsis tetragonoloba* 314, 3371, 4244
Xanthomonas campestris* pv. *dieffenbachiae, *Anthurium* 5409
Xanthomonas campestris* pv. *hyacinthi, hyacinths 1153
Xanthomonas campestris* pv. *juglandis, walnuts 2266, 5895, 8623
Xanthomonas campestris* pv. *mangiferaeindicae, mangoes 10162
Xanthomonas campestris* pv. *poinsettiicola
Codiaeum variegatum 2690
Euphorbia milii 2690
poinsettias 2690
Xanthomonas campestris* pv. *pruni
apricots 831
nectarines 3148
peaches 4013
Xanthomonas campestris* pv. *vasculorum, reports, Mauritius 4822
Xanthomonas campestris* pv. *vesicatoria
Capsicum 4295
tomatoes 6101
Xanthones
characterization, *Centaurium linarifolium* 3675
composition
Calophyllum 9154
Calophyllum apetalum 6373
Centaurium erythraea 9987
Centaurium littorale 1311
Faramea cyanea 1326
Swertia japonica 7301
Vismia guineensis 6448
Xerophytes, leaves, physiology 7492
Xiphinema
currants 875
grapes 183, 5940
Xiphinema americanum
apples 8534
raspberries 1276
Vaccinium corymbosum 8648
Xiphinema index, grapes 183, 5940
Xiphinema rivesi, apples 8534
Xyleborus dispar
apples 5857
cherries 5857
Xylopia aethiopica, plant, composition, terpenoids 1378
Yearbooks
avocados 2111
Calluna 737
Camellia 3871-3872
Daboecia 737
Erica 737
Macadamia 4803
Rhododendron 3013
Yields
correlation
apples 3123, 3971, 7521
atemoyas 7386
bananas 658, 8374-8375, 10131
Capsicum 1724, 2341
carrots 3452
cashews 3785, 3787
cauliflowers 2389, 4180
cucumbers 2444, 9693
garlic 7697
gooseberries 7599
grapes 176
Mentha piperita 4510
oranges 4641
pawpaws 3820
Phaseolus vulgaris 300, 3360, 4205
pineapples 1500
rubber 3827, 6556, 6563
Simmondsia chinensis 10042
Stevia rebaudiana 6454
strawberries 7635, 8683
sugarcane 3848-3849, 3852, 5765, 6576, 7433, 8429-8430
tea 3855, 4789
tomatoes 2341, 6108-6109, 7873
vegetables 5962
Vicia faba 3364
cultural methods, *Asparagus* 3389
Yields *cont.*
defoliation, bananas 3779
diseases
apples 9437, 9440-9441
Asparagus 7826, 9726
coffee 3805
cucumbers 5250
Cuminum cyminum 4476
grapes 9601-9602
oranges 6474
Phaseolus vulgaris 6962
sugarcane 7424, 10209
tomatoes 7041, 8906
energy, fruit crops 7318
forecasting
apples 5846
grapes 8714
oil palms 1490, 1495
temperate fruits 9457
fungicides, apples 9441
pests
cauliflowers 8807
cocoa 7401
okras 7830
oranges 642, 7348, 8320
pecans 4034
pineapples 7417
pistachios 7577
sugarcane 7429, 7438
tomatoes 388-389
Vaccinium 140
propagation, rhubarb 1055
protected cultivation, clementines 3742
spacing
tea 1514
walnuts 4050
wind, sugarcane 1507
Yucca, chromosomes 2646
Yucca aloifolia, leaves, biochemistry, seasonal variation 1186
Yucca gloriosa, plant, composition, sapogenins 2667
Yugoslavia
apples, cultivars 2160, 8510
apricots, cultivars 2223
cherries
cultivars 8564
cultural methods 3984
fruit crops, research 2149
nectarines, cultivars 8578
peaches, cultivars 842, 8578-8579
plums, cultivars 2260
walnuts, cultivars 8623-8624
Zaire, fruit crops, wild plants, surveys 8368
Zamia purpurea, seeds, development 1877
Zamia skinneri, roots, histology 1897
Zamioculcas zamiifolia, taxonomy, morphology 7174
Zantedeschia aethiopica
cut flowers
preservatives 6186
vase life 8002
pollen, composition 2570
Zantedeschia elliottiana, cut flowers, vase life 8002
Zanthoxylum
cultural methods, USSR 9942
taxonomy, chemotaxonomy 4600
Zanthoxylum ailanthoides, plant, composition 3658
Zanthoxylum alatum, seeds, composition 3624, 9211
Zanthoxylum alatum* var. *planispinum, cultural methods, USSR 9942
Zanthoxylum clava-herculis, plant, composition 10049
Zanthoxylum fraxineum, cultural methods, USSR 9942
Zanthoxylum gillettii, plant, composition, volatile compounds 3647
Zanthoxylum leprieurii, fruits, composition 2812
Zanthoxylum piperitum
plant
composition, oils 7246
histology 7246
Zanthoxylum rigidifolium, plant, composition, volatile compounds 3647
Zanthoxylum thomense, plant, composition 1379

Zanthoxylum zanthoxyloides, roots, composition 4600
Zebrina pendula
cuttings 7090
trichomes 4422
Zelkova serrata, leaves, spectral data 7495
Zephyranthes flava, seeds, composition 9208
Zeuzera pyrina, apples 8535
Zigadenus sibiricus, plant, composition, alkaloids 6450
Zimbabwe
coffee, cultural methods, books 4796
temperate fruits, production 775
Zinc
absorption
apples 6707
bananas 10122, 10124
Cucurbitaceae 3344
grapes 4121
leeks 3274
lettuces 959, 3314
peas 3274
Pinus virginiana 9071
tea 1516, 6585, 10218
temperate fruits 6716
tomatoes 6716, 8930
vegetables 4142, 8733
composition
apples 3098
Citrus 4668
grapes 177
Grevillea 8106
Ipomoea batatas 8955
oranges 9229
pears 6759
squashes 2413
tomatoes 7031
vegetables 3266
deficiency
Actinidia chinensis 9532
apples 80, 3951, 8529-8530
Asparagus 6981
Citrus 4643
cucumbers 2427
Gerbera 1772
guavas 6539, 8398
oranges 5693
pawpaws 8409
peas 6973
Phaseolus vulgaris 205
pineapples 3823
poinsettias 1862
tomatoes 205
determination
fruit crops 3920
horticultural crops 8496
lettuces 3920
fertilizers
application, *Tilia platyphyllos* 7224
assessment
grapes 4121
Phaseolus vulgaris 6047
metabolism
cadmium, *Phaseolus vulgaris* 2452
copper, peas 6974
flowering, *Citrus* 7357
herbicides, lettuces 6898
iron, peas 6974
irrigation, apples 3102
magnesium
peaches 5883
pecans 5060
manganese, peas 6974
molybdenum, cauliflowers 6921
nitrogen
cucumbers 2429
Petunia 1129
nutrition, peaches 5015
phosphorus
apples 8530
Brassica 6001
Citrus limonia 1410
peas 6974
pecans 8610
tomatoes 9753
pollution, lettuces 6898
potassium, *Brassica* 6001
rootstock scion relationships
Citrus 6463
lemons 620

Zinc *cont.*
metabolism *cont.*
salinity
guavas 2084
Phaseolus vulgaris 2464
seasonal variation
cherries 3998
persimmons 6510
soil management, pecans 5058
soil pH, *Vaccinium corymbosum* 5081-5082
nutrition
apples 6710, 8520
Capsicum 6993
coffee 6537
cucumbers 8837
Cyamopsis tetragonoloba 1034
foliage plants 8043
grapefruits 4636
grapes 2314, 3240
hops 5556
lemons 7341
limes 638, 4653
nectarines 845
okras 1034
oranges 7358
peaches 845
peas 6973-6974
Phaseolus vulgaris 1020, 9700-9701
plums 8618
roses 5504
rubber 6560
satsumas 2858
Simmondsia chinensis 8312
Stevia rebaudiana 3730
sugarcane 713, 3842, 4788, 9293
tea 10217
tomatoes 9753
vegetables 1658, 4312
Vicia faba 2473
requirements
analysis
bananas 8379
cherries 3997
Citrus 7332
grapes 918, 3238
pecans 9516
sugarcane 3837
responses
Agave 1187
squashes 2413
toxicity
Brassica 3320
Brassica chinensis 2408
cucumbers 205
Gerbera 1772
lettuces 205
oranges 6470
peas 6973
Phaseolus vulgaris 7798, 9706
poinsettias 1862
watercress 2408
translocation
plums 8619
sour oranges 10073
Zingiber mioga, cultural methods, New Zealand 7232
Zingiber officinale
cultivars, assessment, India 7233
cultural methods, India 7233
diseases
Fusarium equiseti 503
Fusarium solani 3623
Pythium aphanidermatum 3623
Pythium pleroticum 503
viruses 9943
fungicides, responses 3623
growth regulators
chlormequat, responses 4490
daminozide, responses 9125
ethephon, responses 9125
GA, responses 9125
harvesting
harvesting date
assessment 502, 5536
planting 4489
intercropping, *Areca* 4490
pests, *Meloidogyne* 8125
plant
composition
antioxidants 4491

Zingiber officinale *cont.*
plant *cont.*
composition *cont.*
essential oils 3613, 3622
phenolic compounds 3622
products, antioxidants 4491
reports
Australia 4817
South Africa 9318
rhizomes
composition 7234-7236
histology 3613
storage, diseases 503
tissue culture
biochemistry 7234
propagation, techniques 8125
Zinnia
cultivars
diseases 434
pests 434
cut flowers, preservatives 7909
diseases
biological control 6180
Zinnia vein-banding virus 434
flowers
initiation
growth regulators 5377
photoperiodism 5377
pests, *Aphis gossypii* 434
plant, composition, anthocyanins 7096
Zinnia angustifolia, breeding, diseases 433
Zinnia elegans
breeding, diseases 433
cultivars, photoperiodism 6230
cut flowers, production, protected cultivation 6230
irrigation, water, composition 3489
plant
composition 9135
development, cytology 9007
tissue culture
organogenesis 1795
responses, growth regulators 9008
***Zinnia* vein-banding virus,** *Zinnia* 434
Ziziphora bibersteiniana, plant, composition, essential oils 4517
Ziziphora bungeana, plant, composition, essential oils 4517
Ziziphora capitata, plant, composition, essential oils 4517
Ziziphora pedicellata, plant, composition, essential oils 4517
Ziziphora persica, plant, composition, essential oils 4517
Ziziphora tenuior, plant, composition, essential oils 4517
Ziziphus
cultivars, temperature 9303
frost, resistance, cultivars 9303
wild plants, surveys, China 6678
Ziziphus jujuba *(see Ziziphus mauritiana; Ziziphus sativa)*
Ziziphus lotus, as weeds, tropical crops 2897
Ziziphus mauritiana
cultivars, pests 3004-3005, 7443
flowers, biology 7444
fruits
development, physiology 729
drop, growth regulators 728
quality, growth regulators 728
size, growth regulators 728
irrigation, systems 4791
nutrition, nitrogen 3859
pests
Carpomyia vesuviana 3004, 7443
Indarbela quadrinotata 3005
reports, Australia 6609
Ziziphus mucronata, plant, composition 7257
Ziziphus nummularia, plant, composition, alkaloids 4601
Ziziphus sativa
climate, requirements 9322
frost, resistance, cultivars 9303
fruits
composition 8433
development 5783
plant
composition
alkaloids 727, 1520-1521

Ziziphus sativa *cont.*
plant *cont.*
composition *cont.*
pectins 2101
reports, Australia 6609
seeds
development 5783
germination, biochemistry 3858
tissue culture, propagation, micropropagation 5783
Ziziphus vulgaris *(see Ziziphus sativa)*
Zoegea leptaurea, plant, composition 554
Zornia gibbosa, plant, composition 5647
Zoysia, irrigation, requirements, determination 9027
Zoysia japonica
breeding, interspecific hybridization 6252
establishment, lawns and turf 9028
flowers, initiation, physiology 2639
growth regulators
BA, responses 9858
ethephon, responses 5459
flurprimidol, responses 5459, 9858
GA, responses 5459
KUH 833, responses 9858
paclobutrazol, responses 9858
pentefenzol, responses 9858
zeatin, responses 9858
nutrition 5460
seeds, treatment 6254
Zoysia japonica × ***Zoysia tenuifolia,*** cultivars, shade 6253
Zoysia macrostachya, breeding, interspecific hybridization 6252
Zoysia matrella
breeding, interspecific hybridization 6252
flowers, initiation, physiology 2639
nutrition 5460
Zoysia sinica, breeding, interspecific hybridization 6252
Zoysia tenuifolia
breeding, interspecific hybridization 6252
flowers, initiation, physiology 2639
Zucchini yellow mosaic virus, cucumbers 7778

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